Agenda

1:30-2:45

1. Wallop: Sharing and Presence in Social Networks
2. Flipper: Peer-to-Peer "photo-blogs" on the Longhorn Sidebar
3. Mobile Flipper: Mobile and desktop sharing and presence
4. Swarm: Smart Mobs on mobile cell phones
5. Canopus: Community-oriented RSS on your desktop

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5. Canopus: Community-oriented RSS on your desktop

Agenda (continued)

3:00-4:00

6. Sapphire & Longhorn: Prototyping the hard problems (file migration & hierarchy, saving, lightweight lists)

7. Sharing: Suggested people and groups

8. One-Page Meeting Prep: Automatically generated, personalized meeting prep

9. Jeitinhos: Improving matchmaking for xBox live

Summary, Q & A

This talk is streamed/recorded:
http://resnet/guide

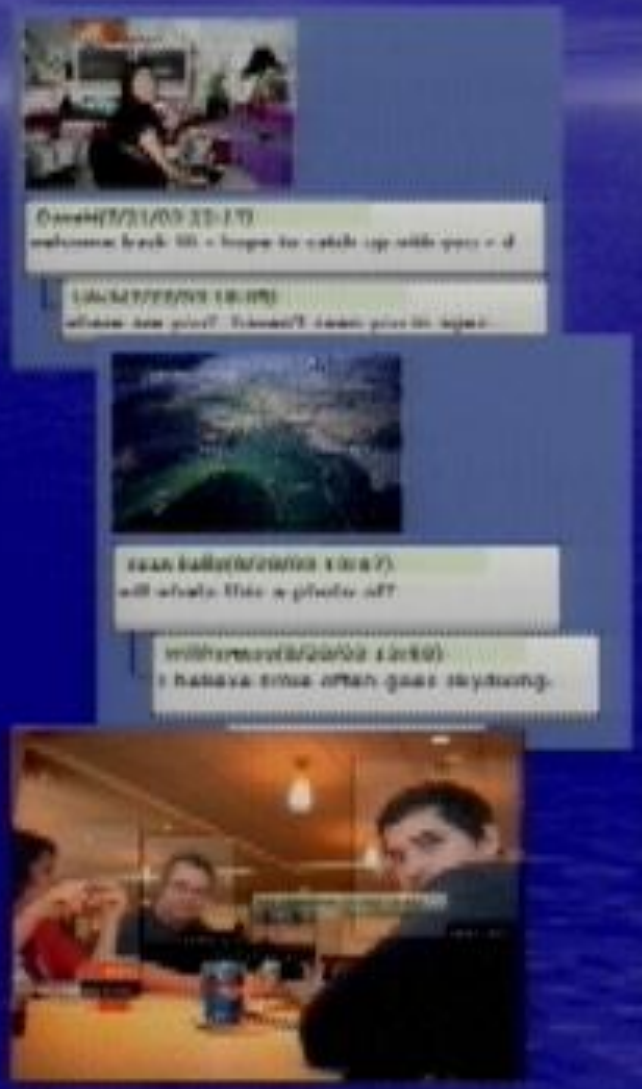
Presentations & sharepoint: http://groupsts/scg/

Contacts-feedback: project teams, Lilich

Social Software

- **Meeting people's social goals:**
  - Help people who are social be more social
  - Continuous access to, awareness of, and communication with people they care about as a part of day to day life
  - Provide friends with updates about their activities
  - Develop new social relationships

- **Problem space:**
  - Representing identity information
    profile info, status, reputation, social context
  - Representing social interactions
    who's talking, who knows whom, groups, cliques, networks
  - Integrating communication and media sharing
  - Building critical mass, scaling appropriately



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Wallop: meeting users' social goals

Building conversations in the context of shared media your social network

- Rich opportunities for projecting identity, learning about others, through lightweight authoring
  - Blogs, profiles, photo sharing
- Opportunities to "bump" into friends, and friends of friends
  - Centralized social awareness, sharing and communication tools
  - Browse through social network map, through connections in shared media
  - "Overhear" conversations that occur in context of shared media
- Learn about others by seeing them in their social context
  - Content personalized/filtered depending on network distances
    - Explicit social networks
      links to friends
    - Implicit social networks
      network connections based on communication behavior, more meaningful
- Sharing integrated with day to day communication
  - Updating Wallop content through "overhearing" email/IM/SMS agent
  - Notifications/messages from Wallop to email/IM/SMS





Wallop Demo

- **Social Awareness Tools**
  - Social network
  - Activity (recent and important)
  - Point to Point
  - Embedded conversations
  - Blogs
  - Email/IM/SMS integration



[wallop] a reply [from WillPortnoy] [21886]



[9/20/2003 1:50:59 PM]

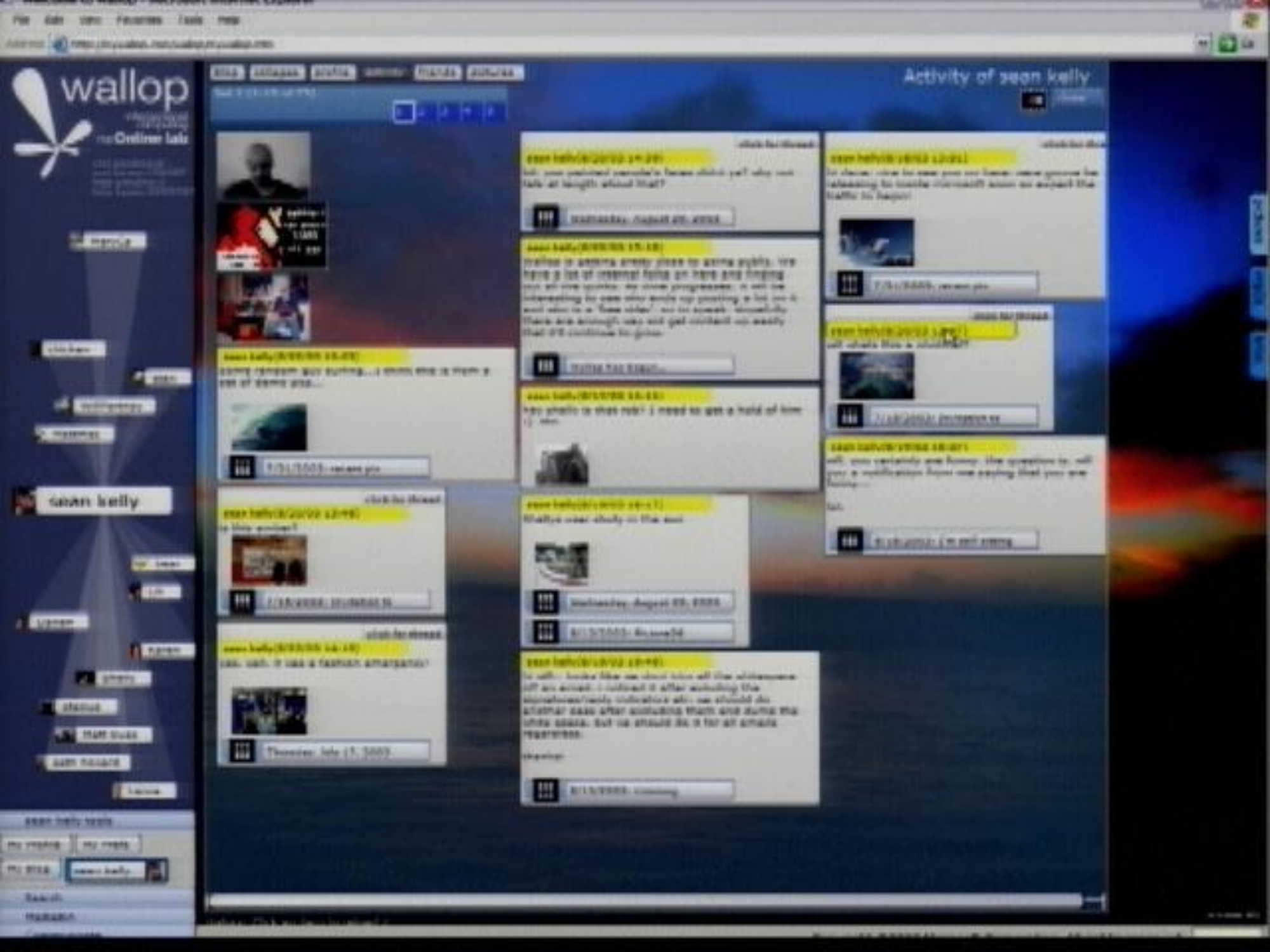


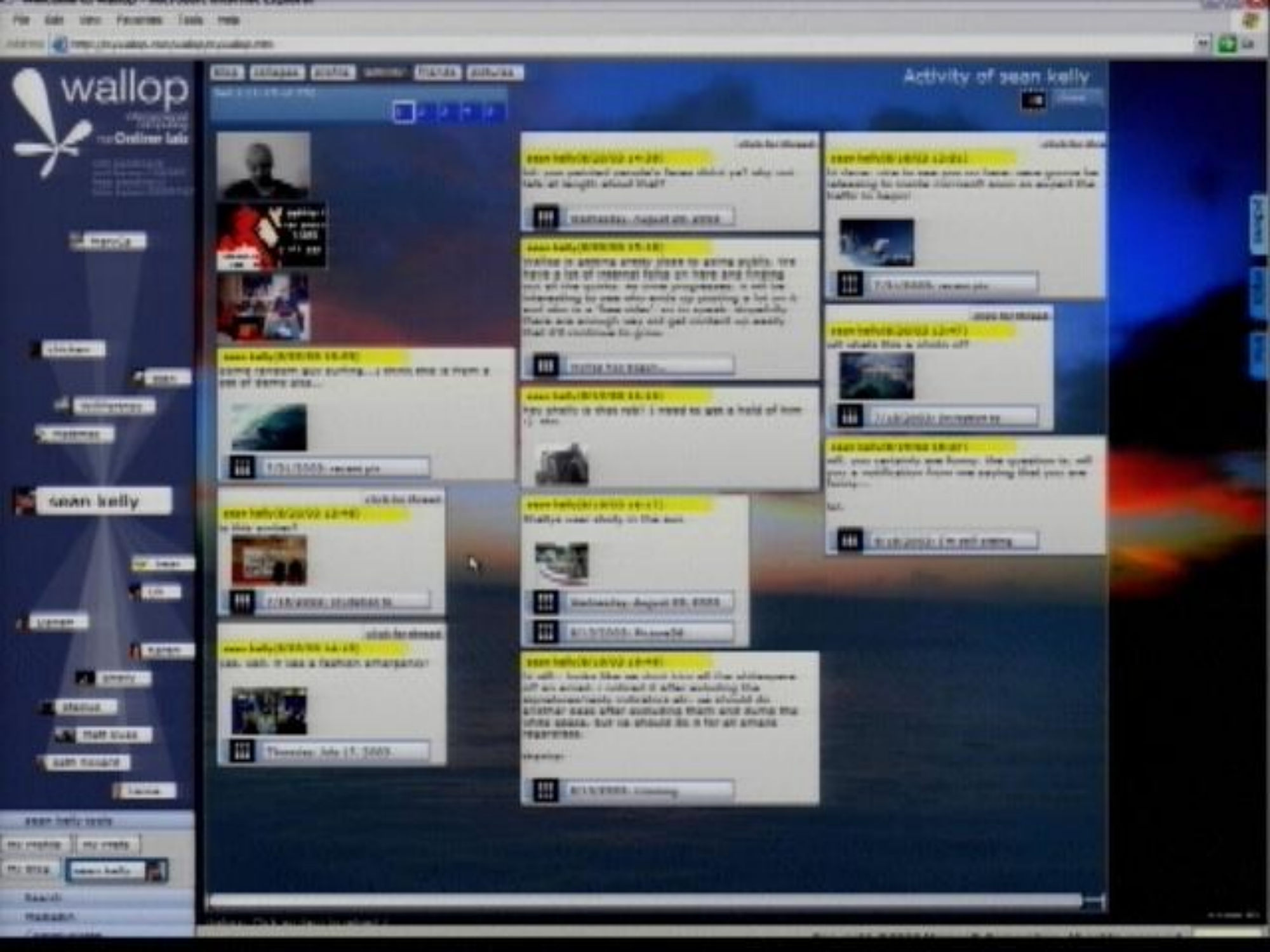
[9/30/2003 1:47:43 PM]

will whats this a photo of?



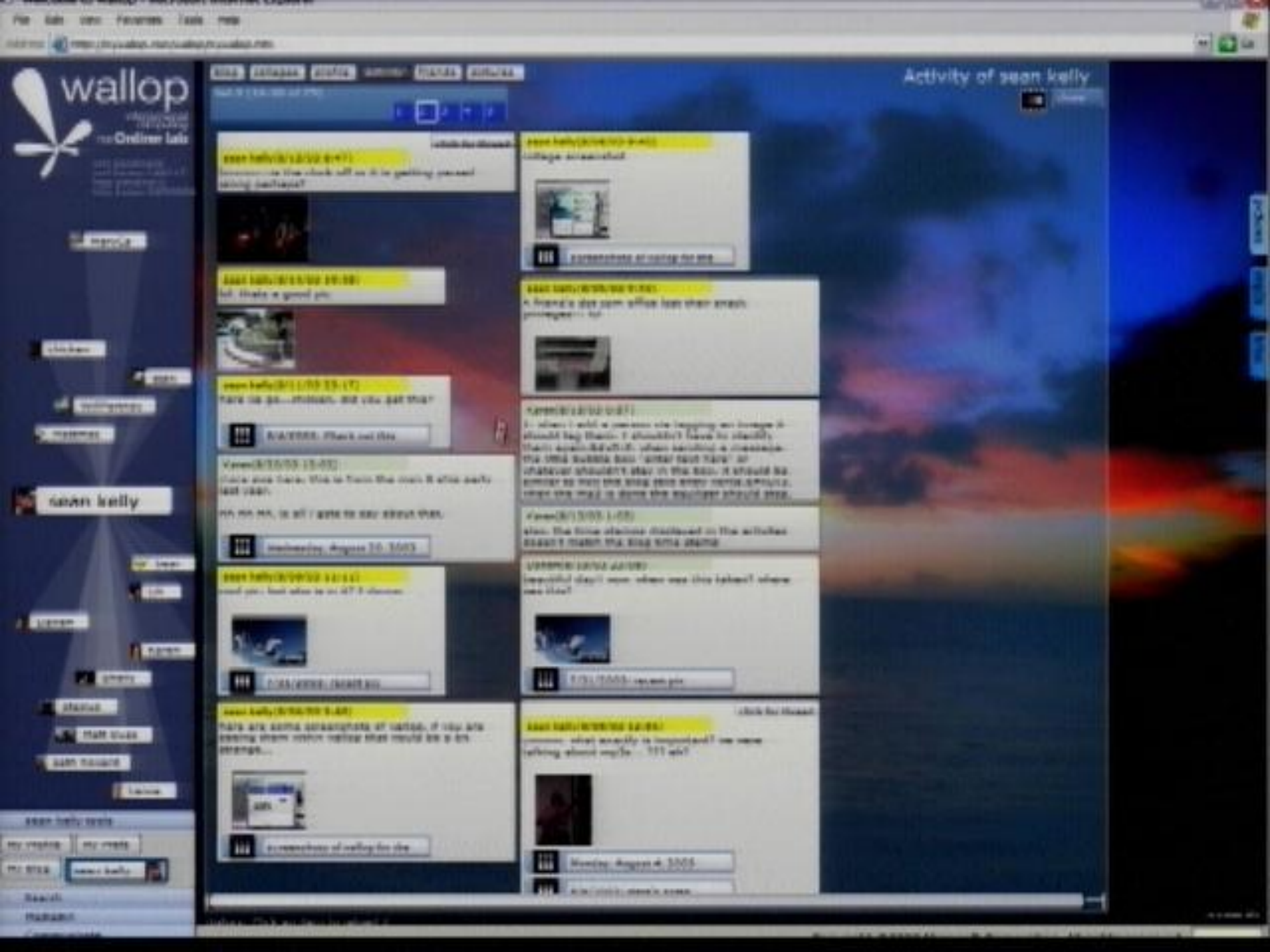
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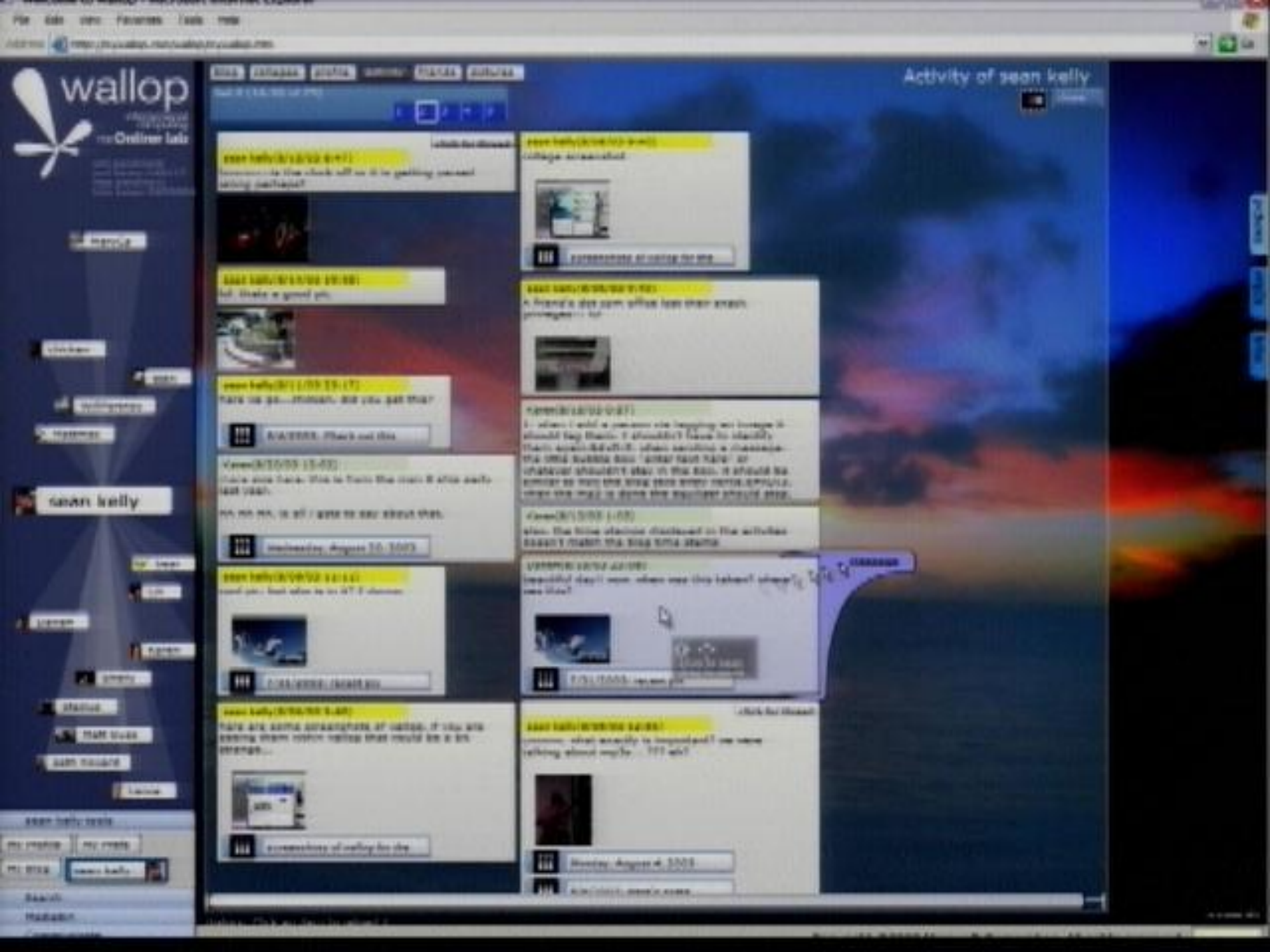

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Activity of sean kelly
sean kelly

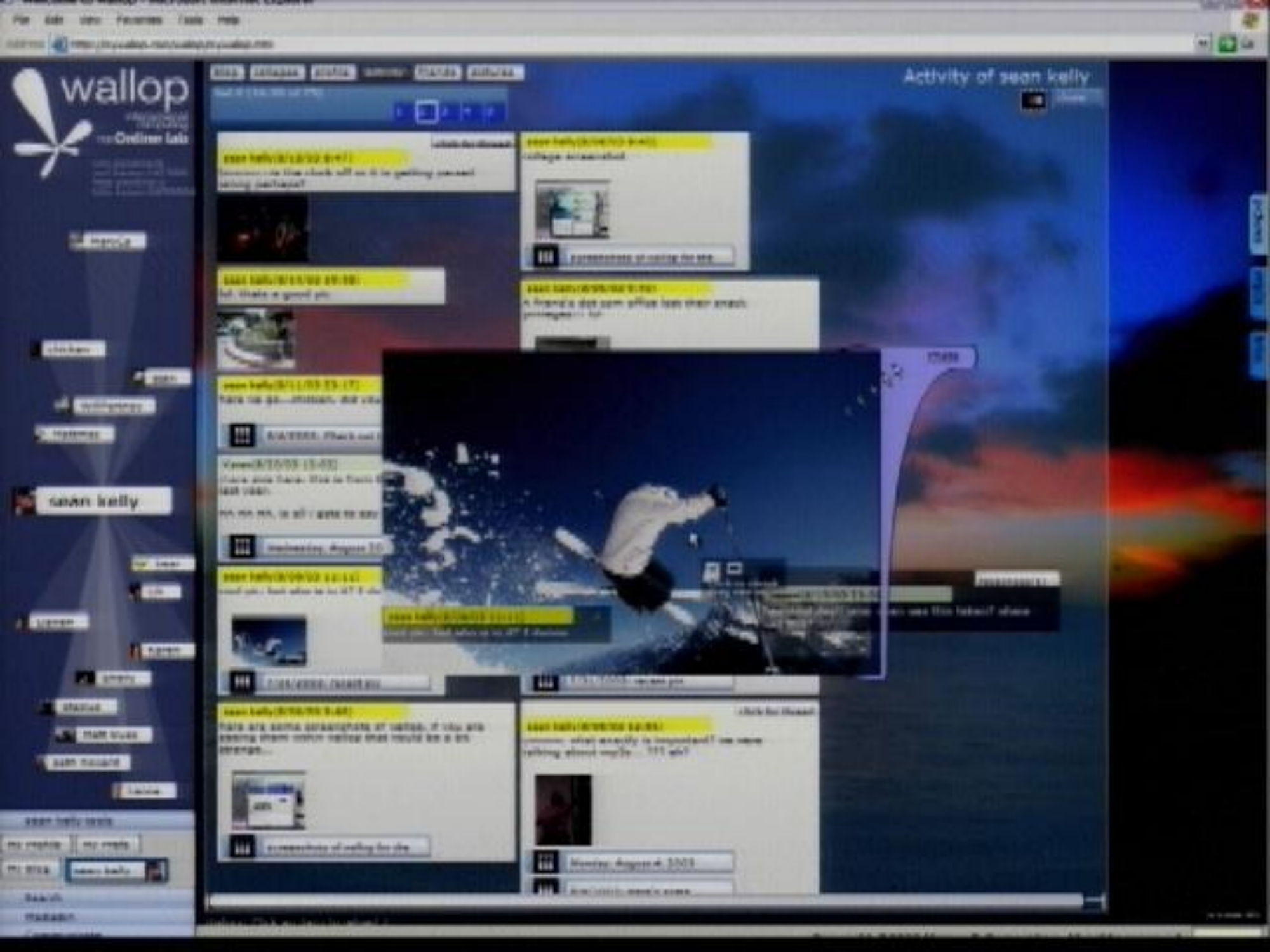

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sean kelly

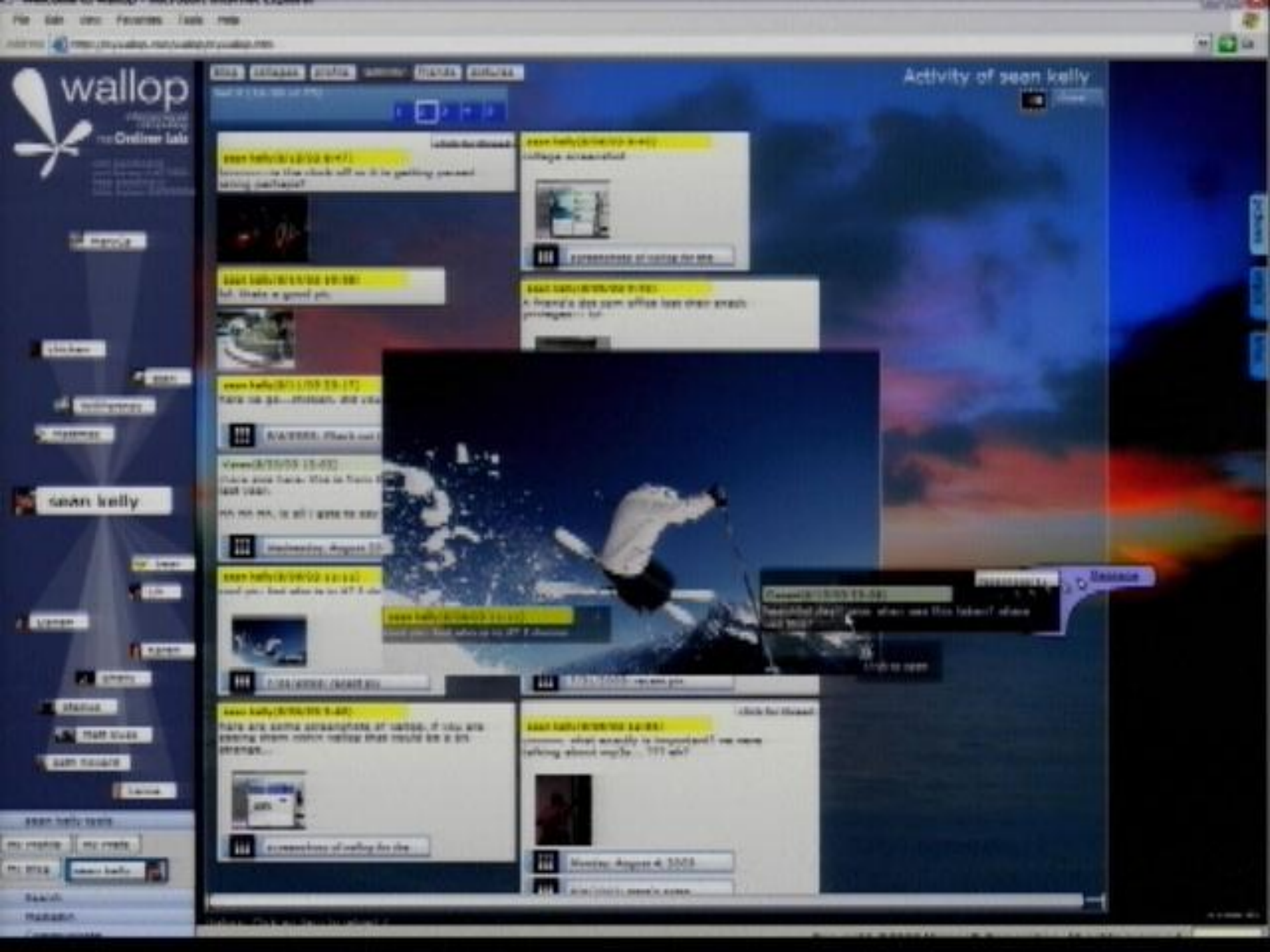

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Activity of sean kelly
sean kelly


wallop
Activity of sean kelly
wallop
please
wait...
sean kelly

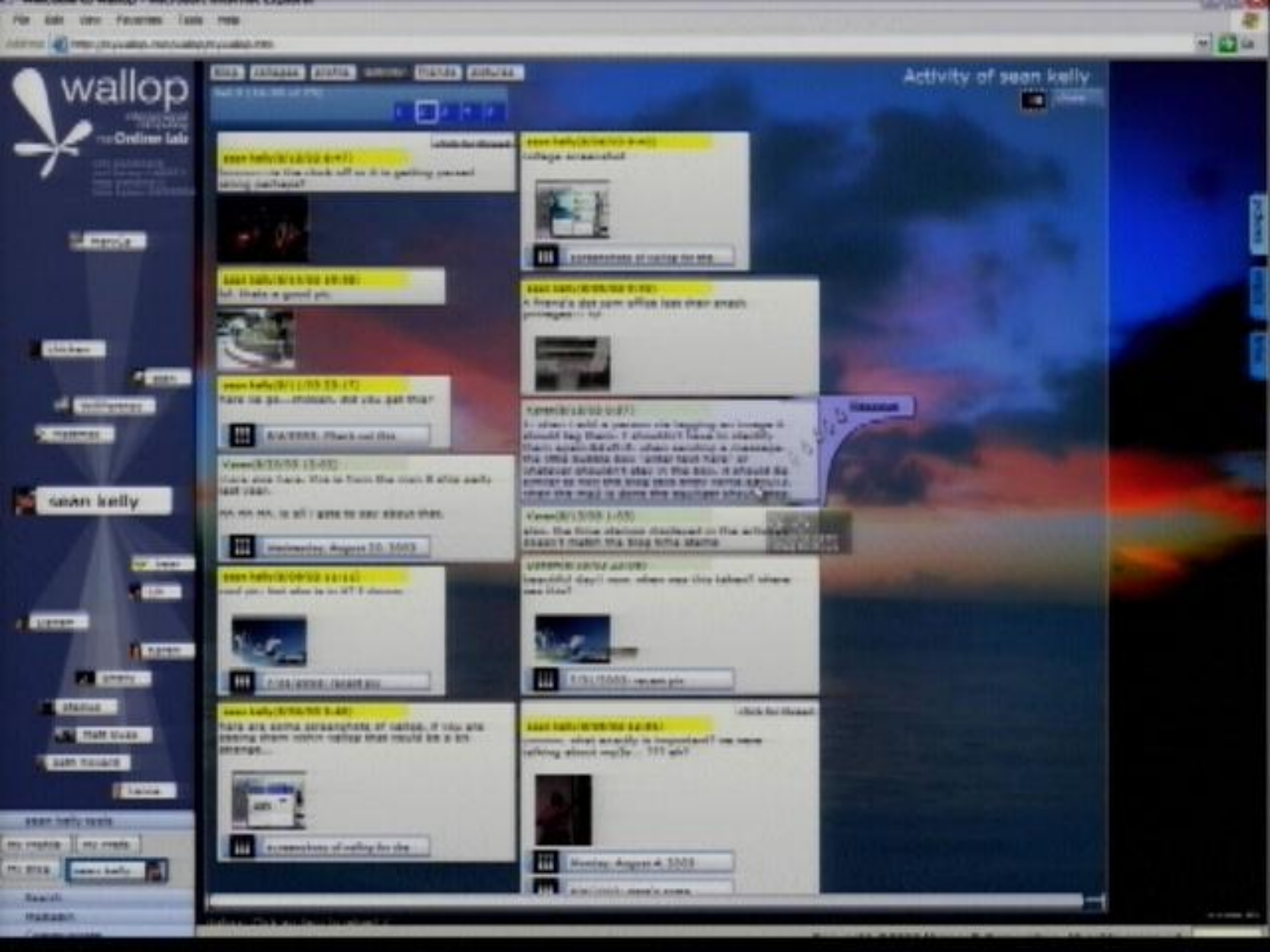

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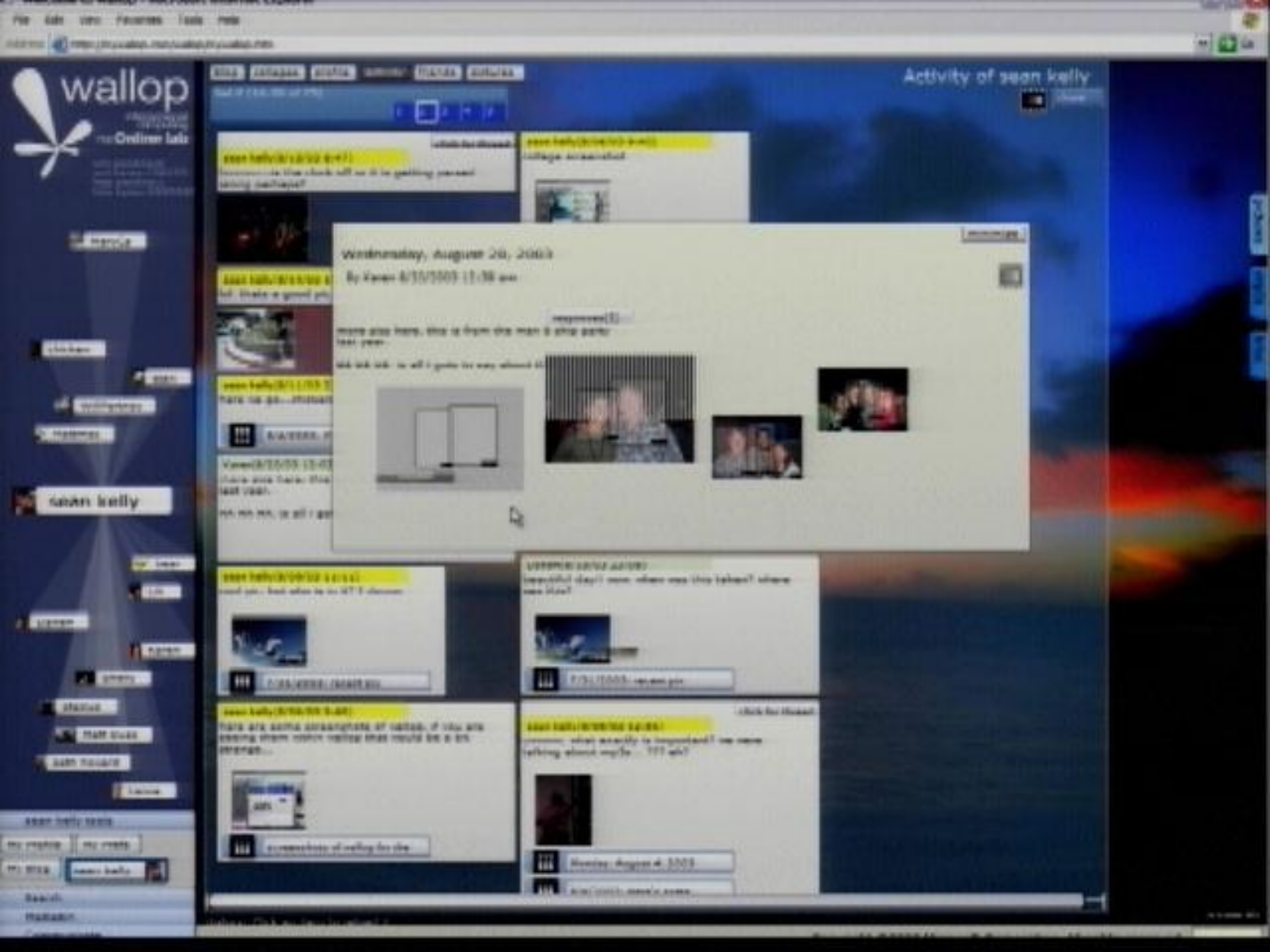

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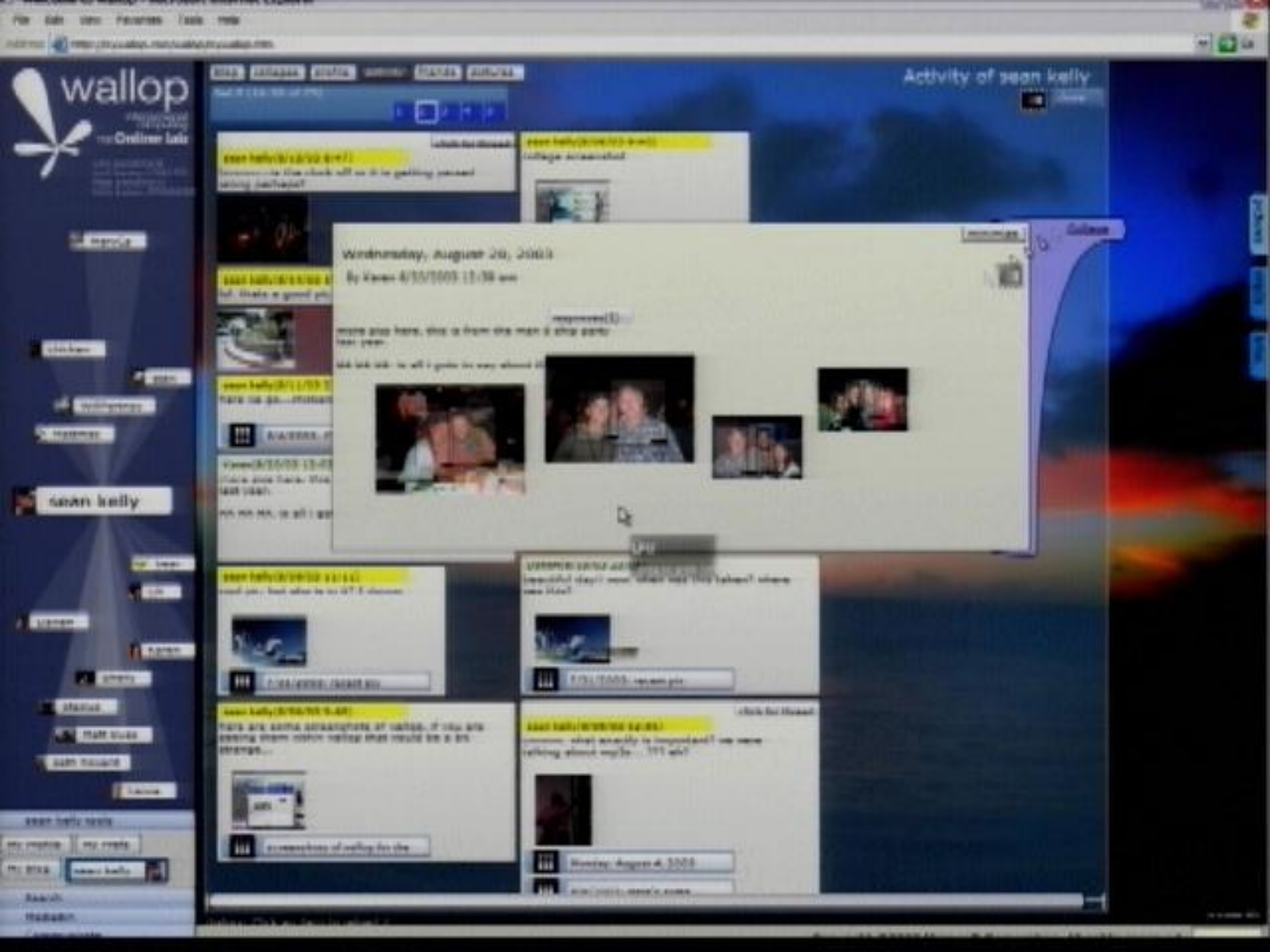

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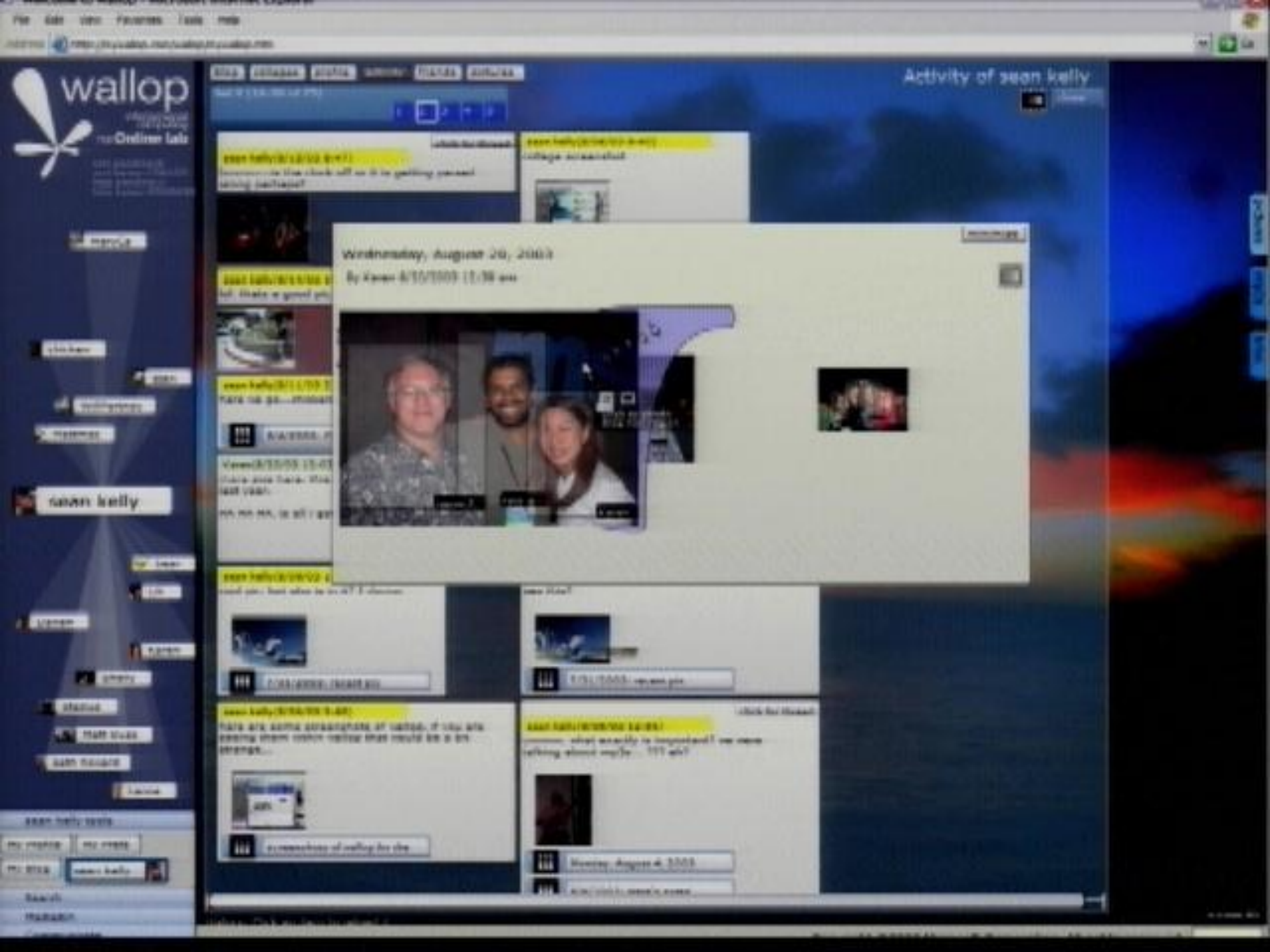

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sean kelly

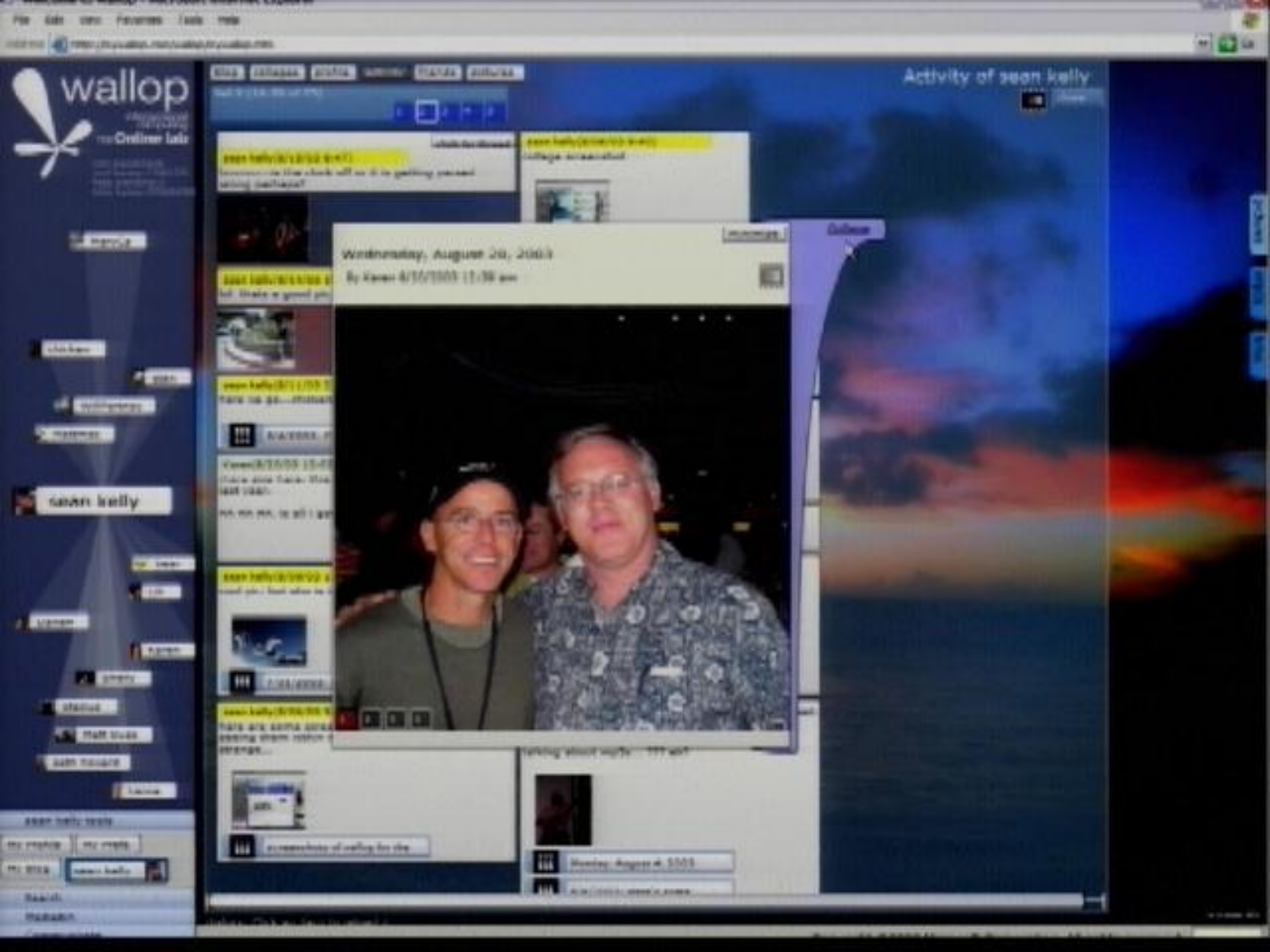

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sean kelly

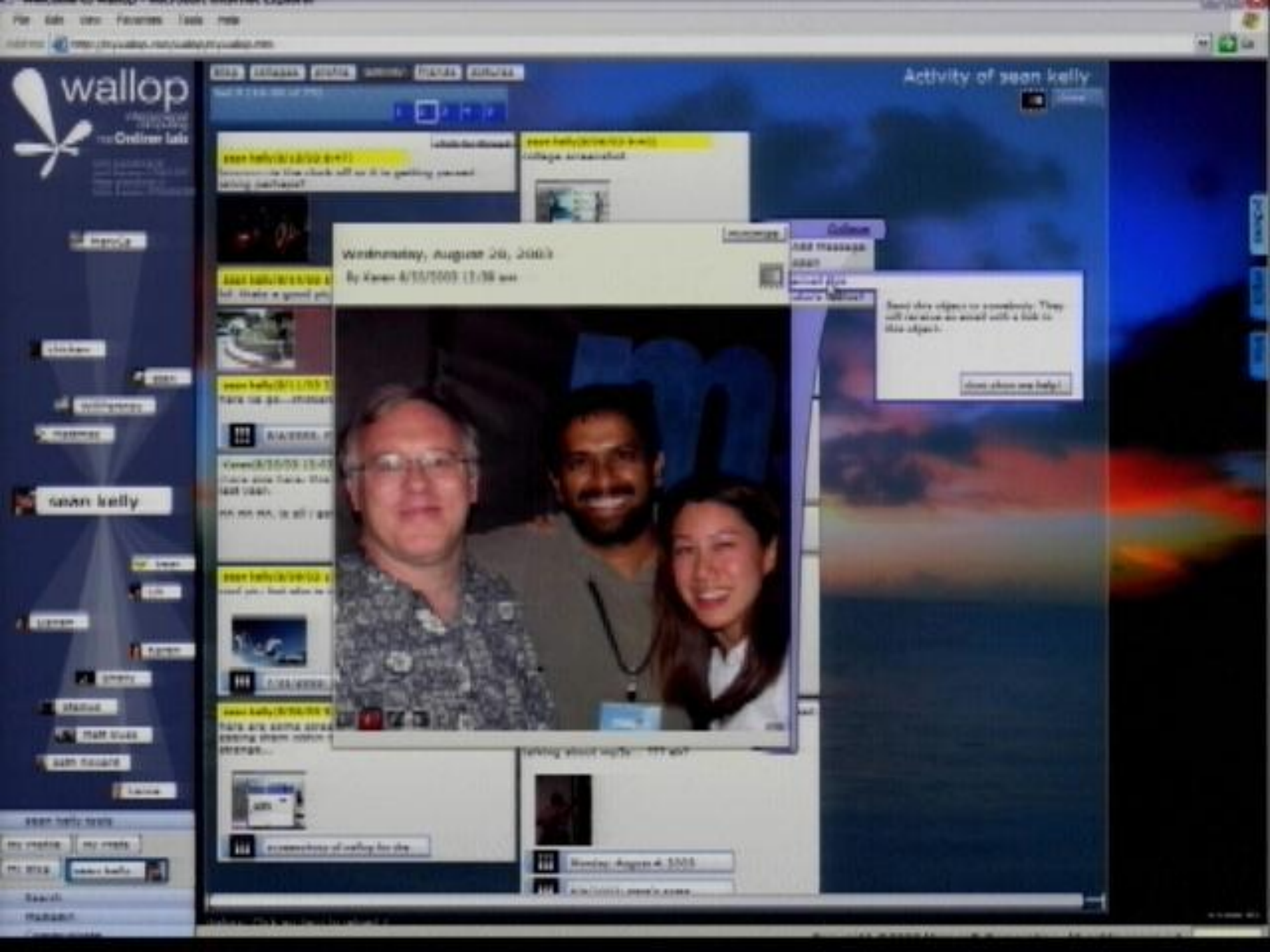

wallop
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sean kelly


wallop
Activity of sean kelly
Wednesday, August 24, 2005
sean kelly

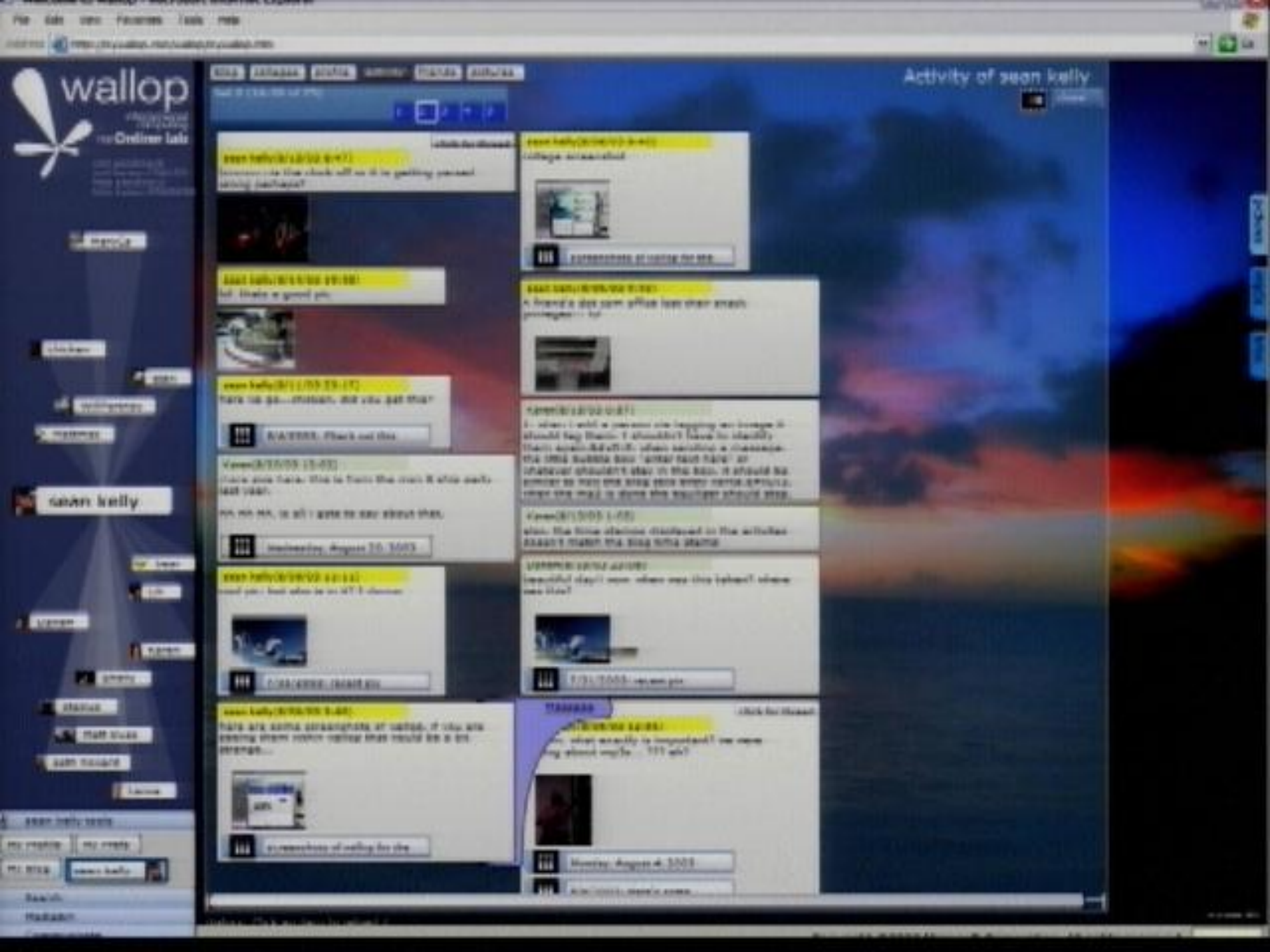

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Wednesday, August 20, 2003
sean kelly

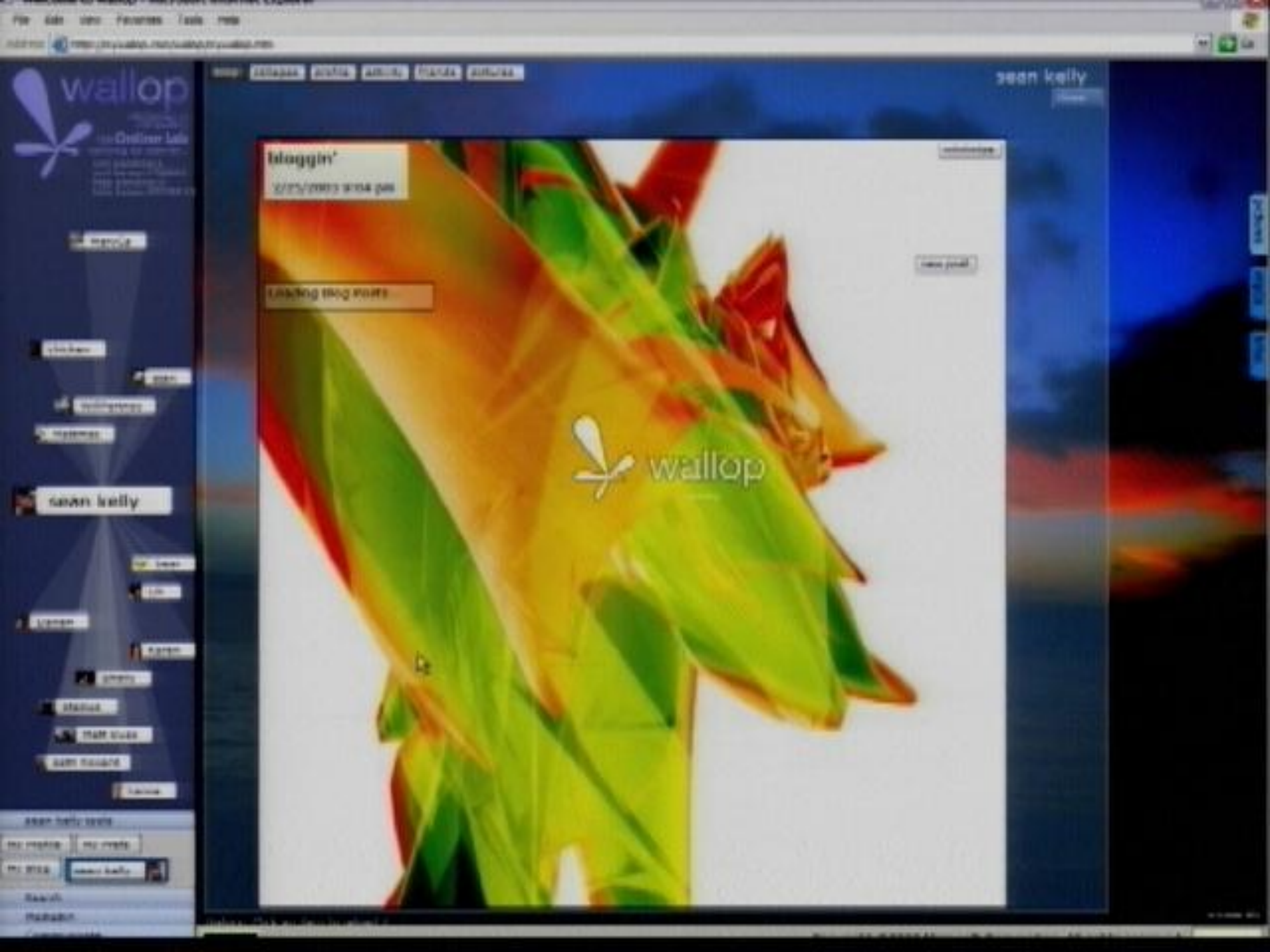

wallop
Activity of sean kelly
sean kelly


wallop
Activity of sean kelly
sean kelly


wallop
Activity of sean kelly
sean kelly


wallop
Activity of sean kelly
sean kelly


wallop
Activity of sean kelly
sean kelly


wallop
sean kelly
bloggin'
wallop

wallop

sean kelly

bloggin'

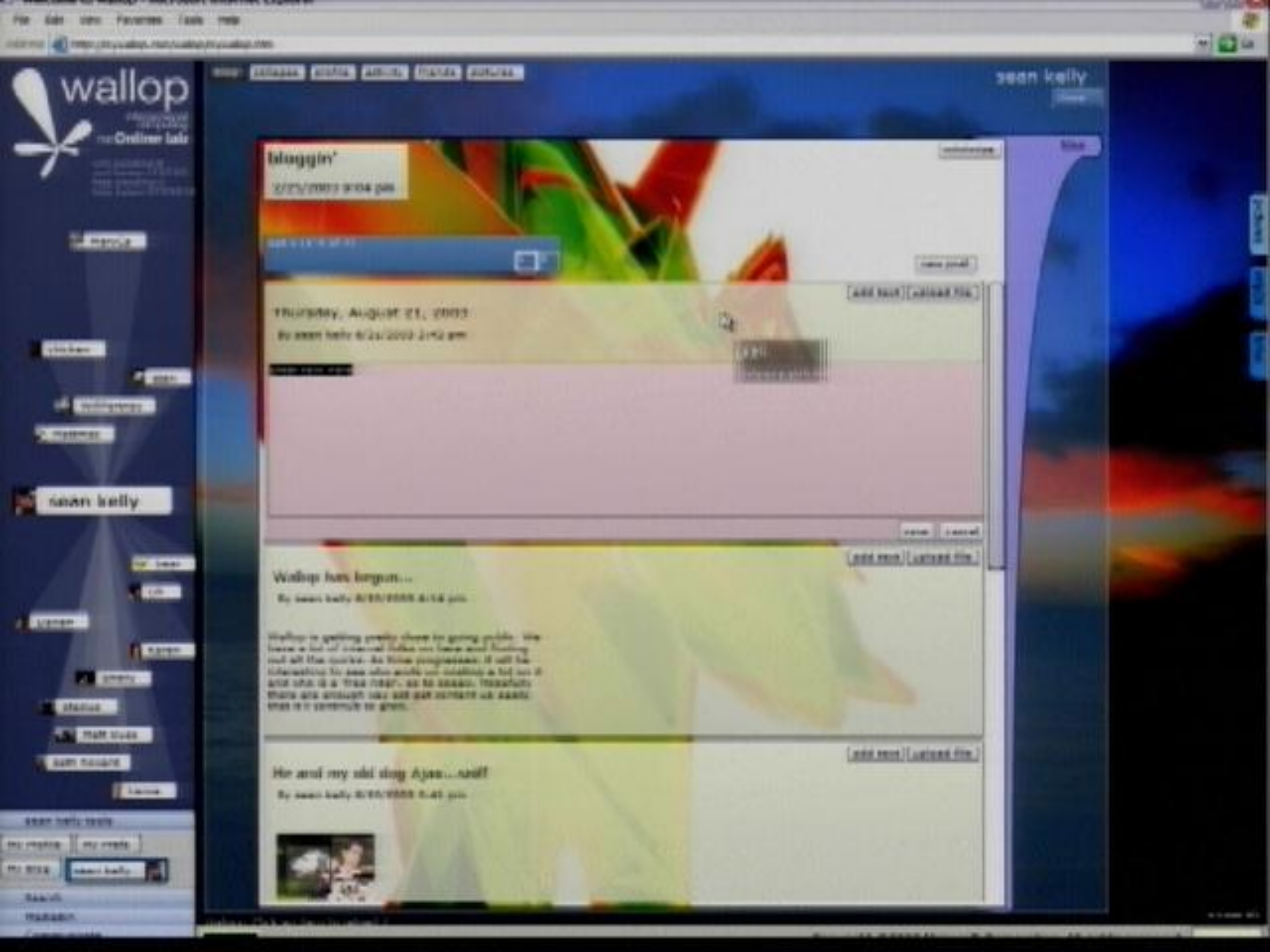
Wallop has begun

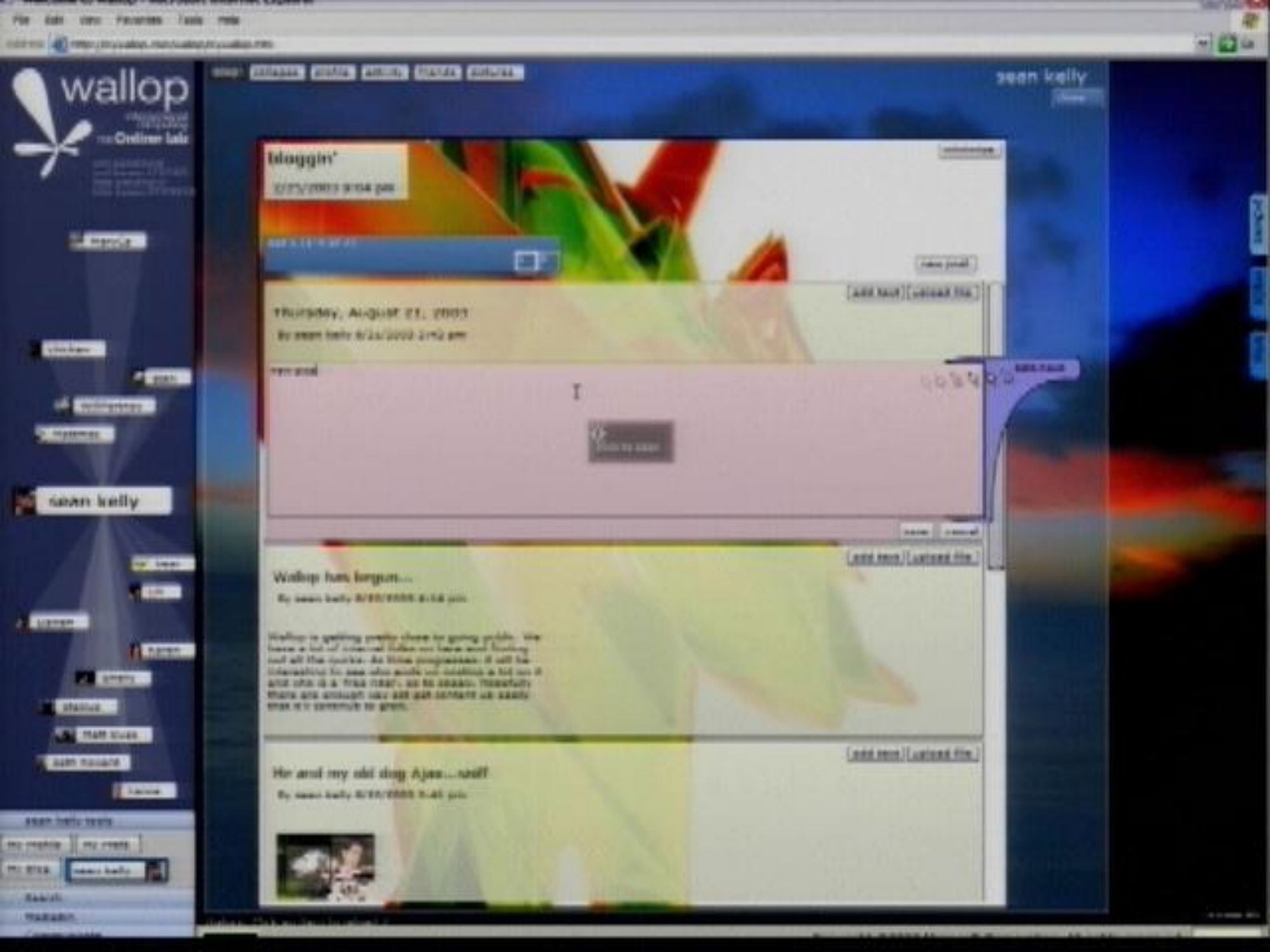
me and my old dog Ajax... stuff

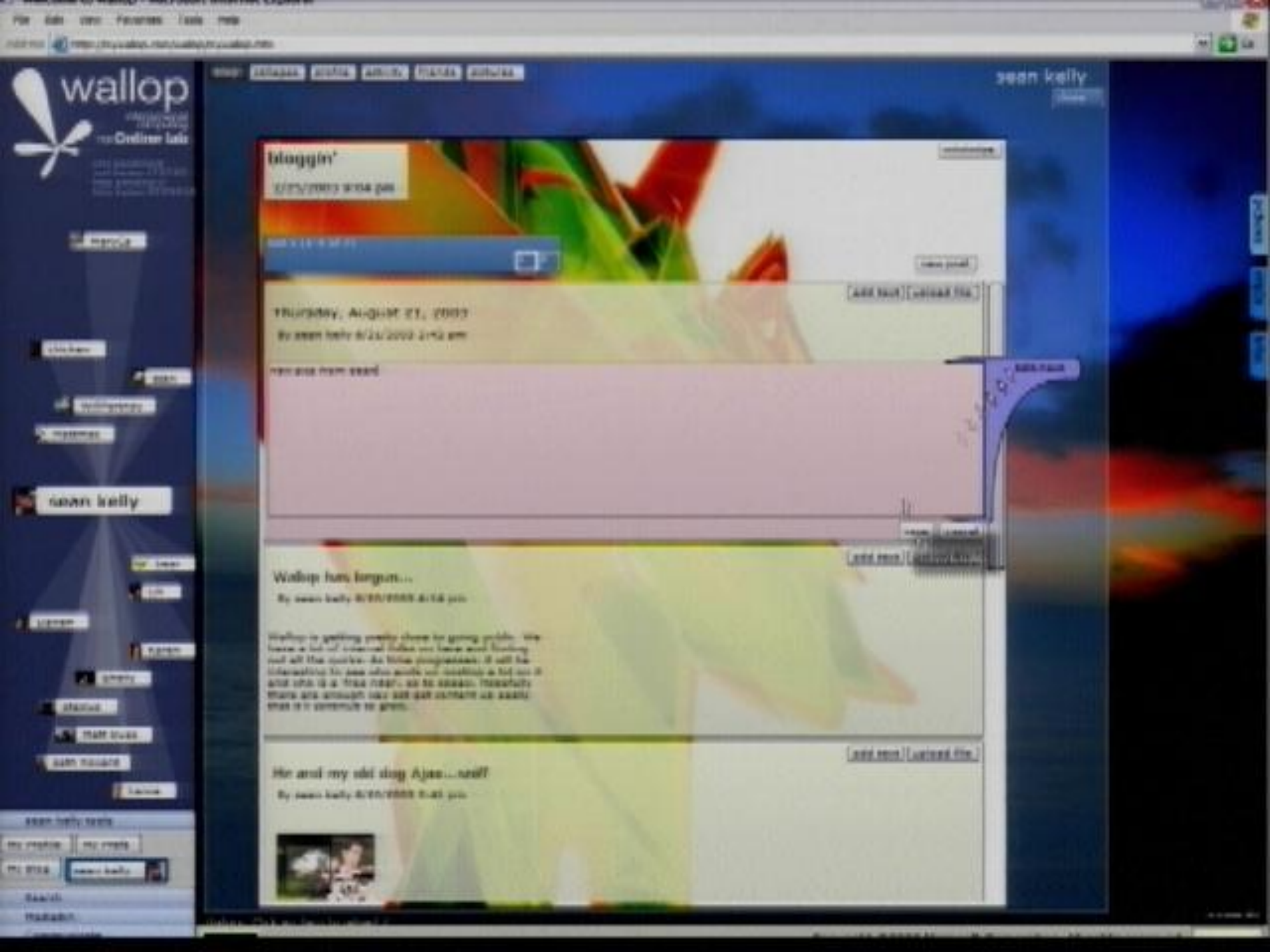


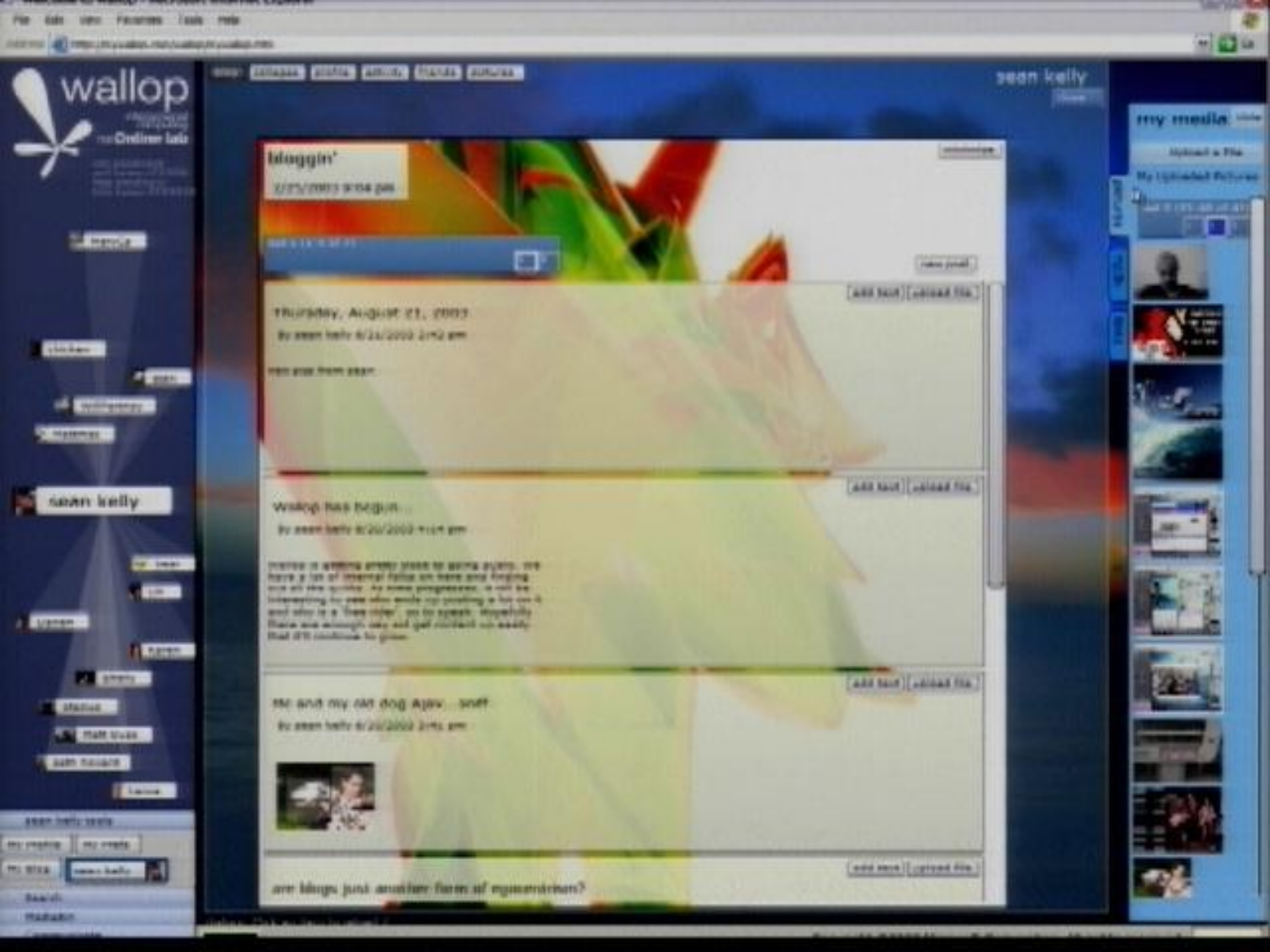
are blogs just another form of egocentrism?




wallop
sean kelly
bloggin'
Wallop has begun...
He and my old dog Ajax...sniff


wallop
sean kelly
bloggin'
Wallop has begun...
Me and my old dog Ajax...sniff


wallop
sean kelly
bloggin'
Wallop has begun...
Me and my old dog Ajax...sniff


wallop
sean kelly
bloggin'
thursday, august 21, 2003
sean kelly
my media

wallop

sean kelly

bloggin'

thursday, august 21, 2003

wallop has begun

me and my old dog ajax... sniff



my media

wallop

sean kelly

bloggin'

thursday, august 21, 2003

wallop has begun

me and my old dog ajax. sniff



are blogs just another form of egomaniacism?

my media

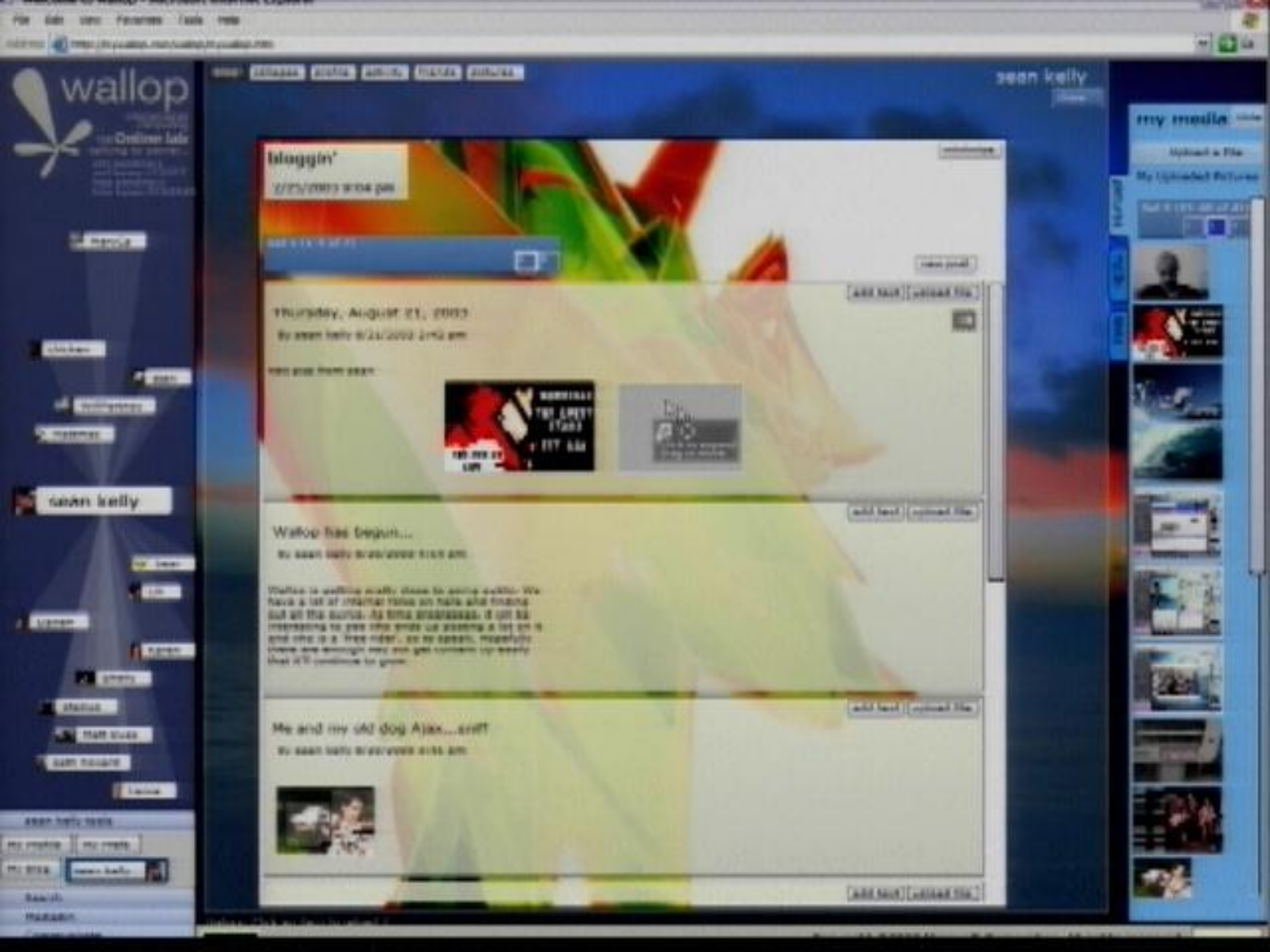
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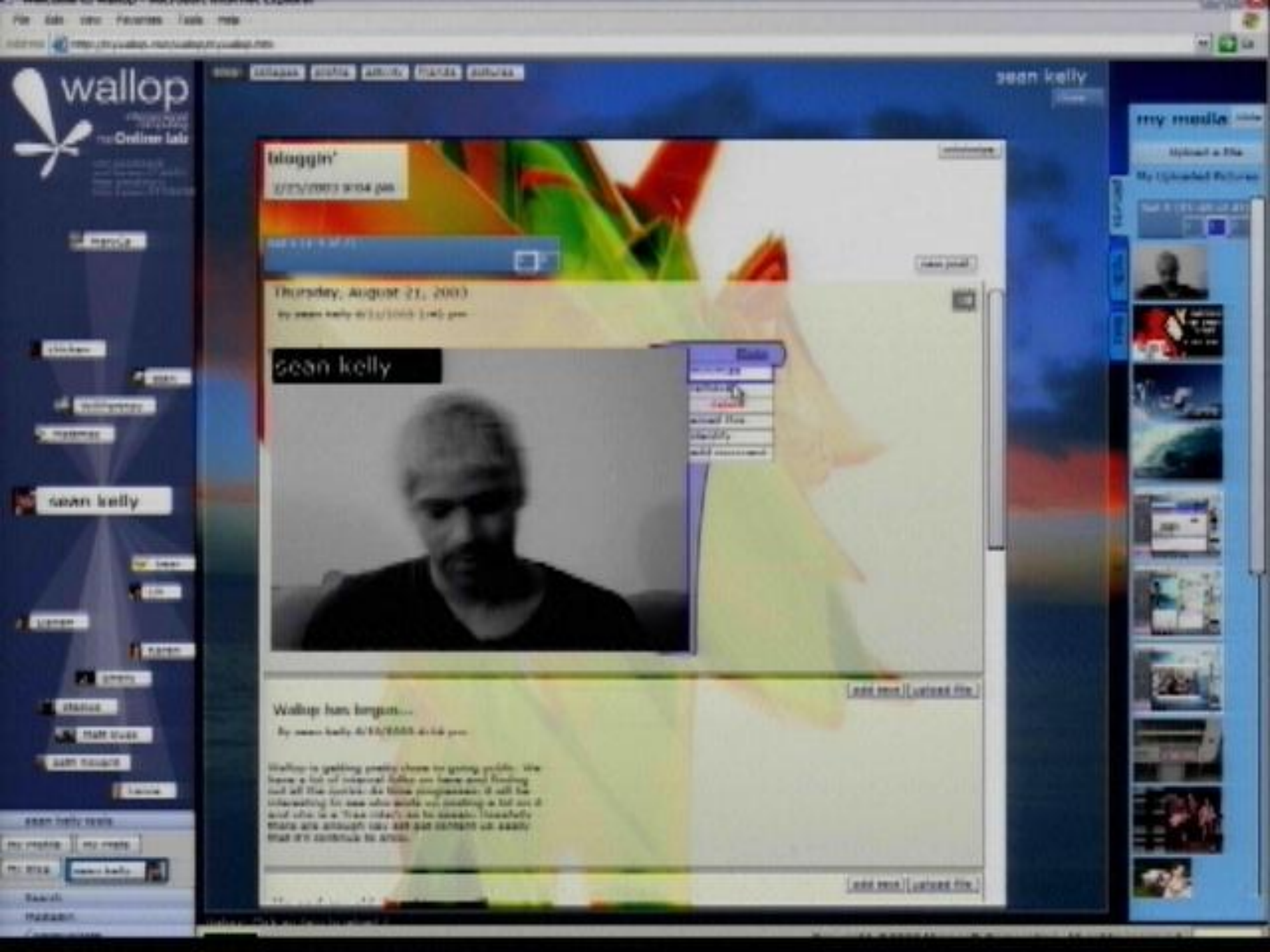
sean kelly

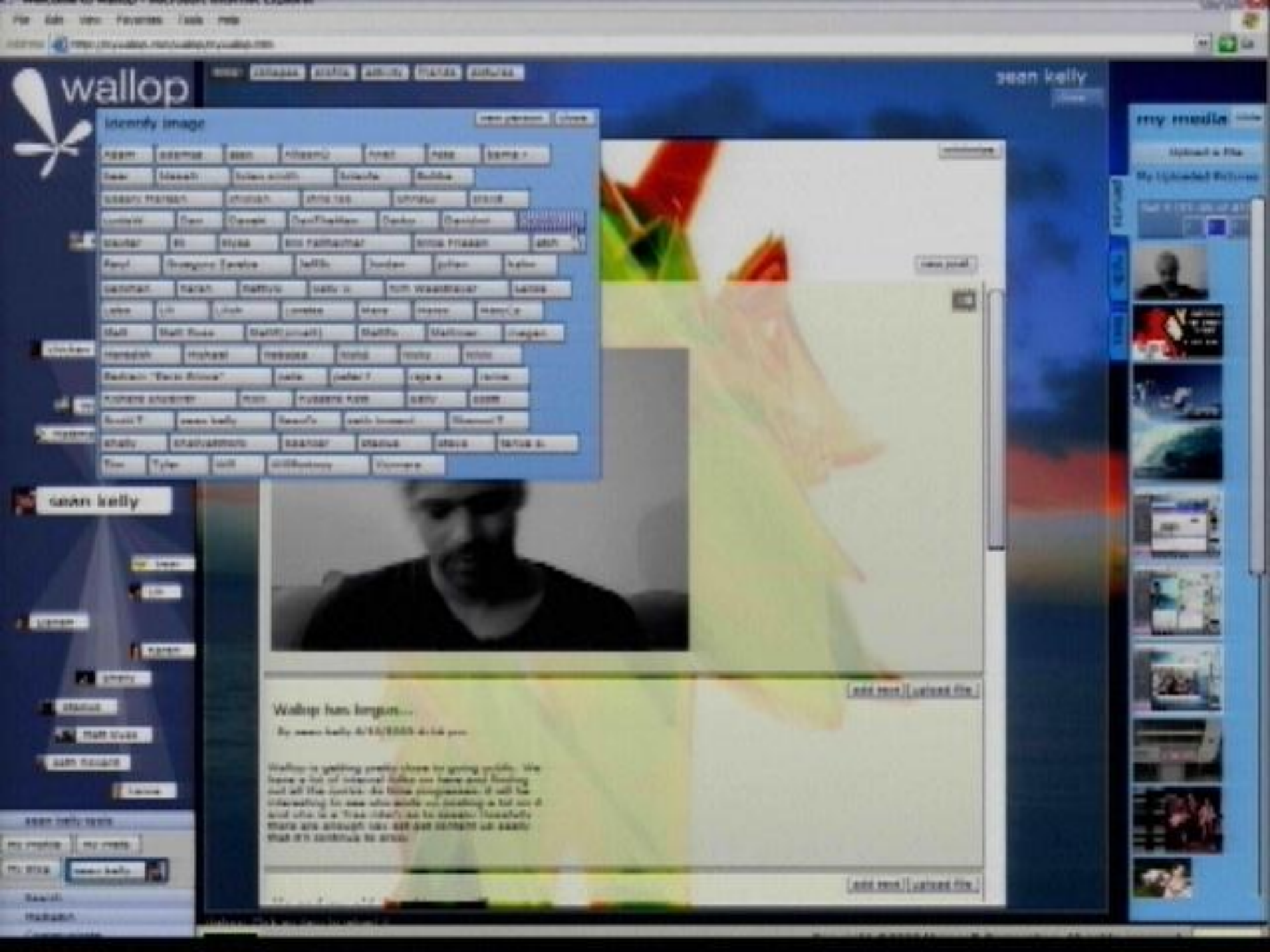
my media

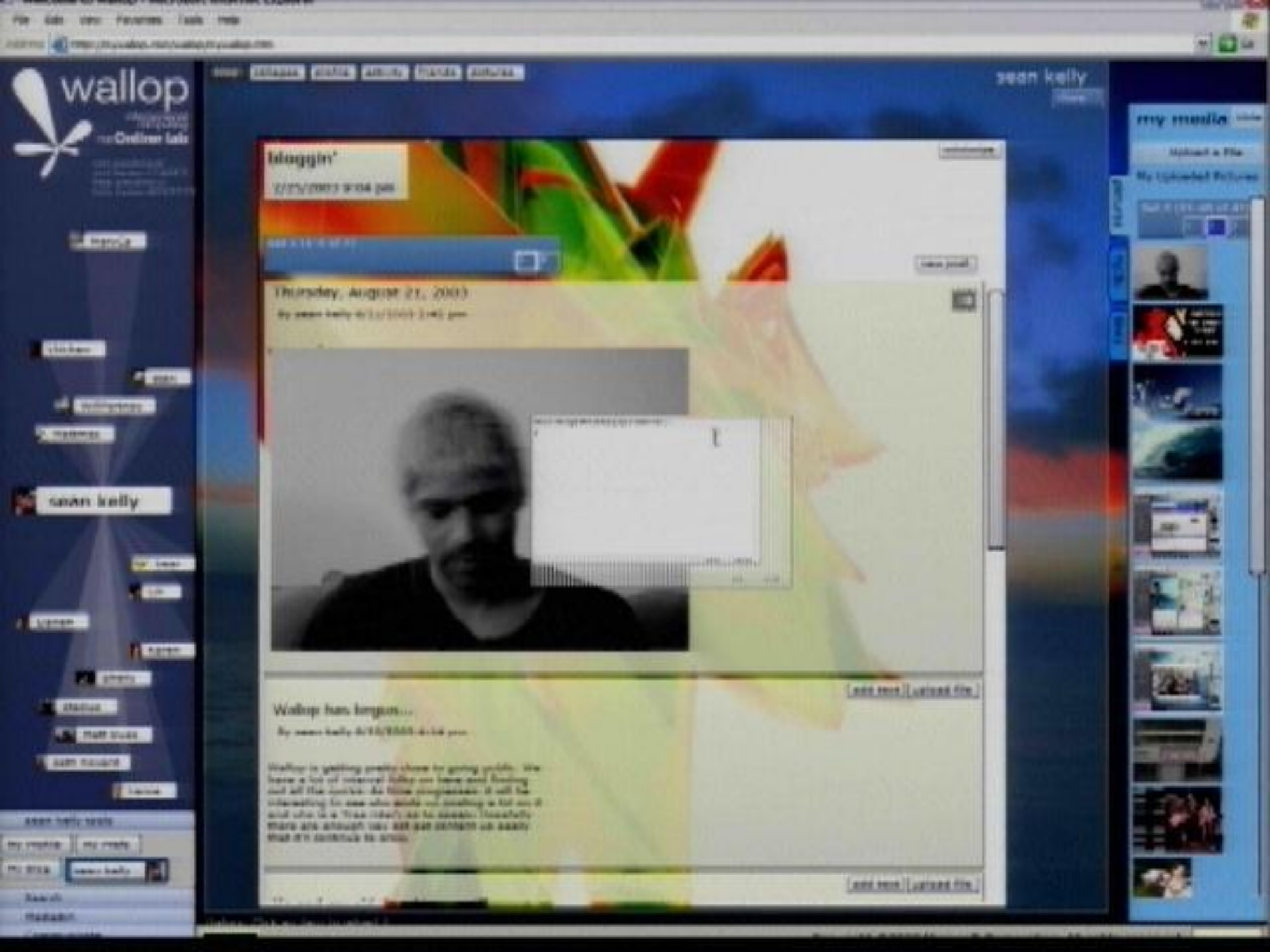
bloggin'

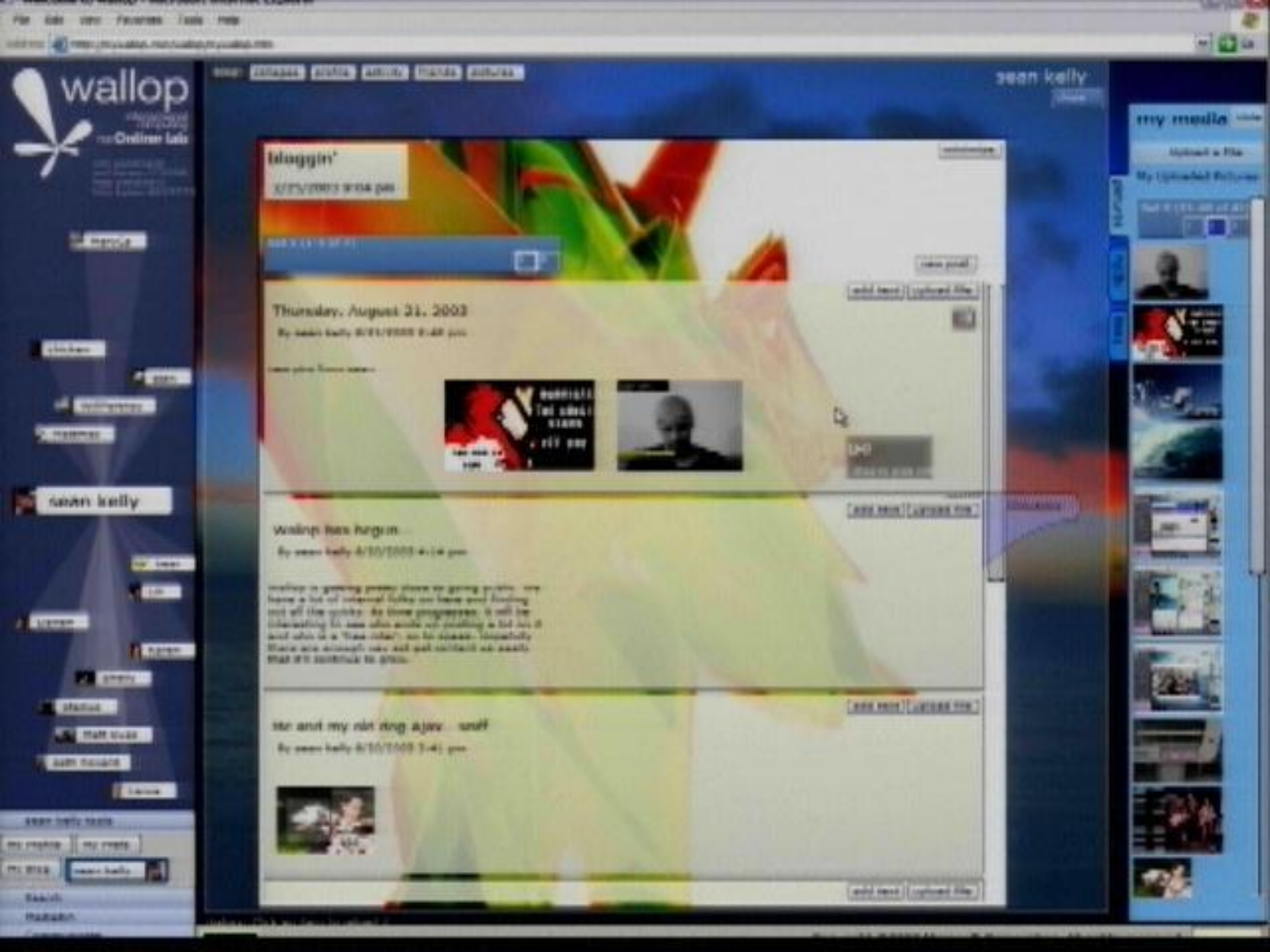



wallop
sean kelly
bloggin'
Wallop has begun...
Me and my old dog Ajax...sniff
my media

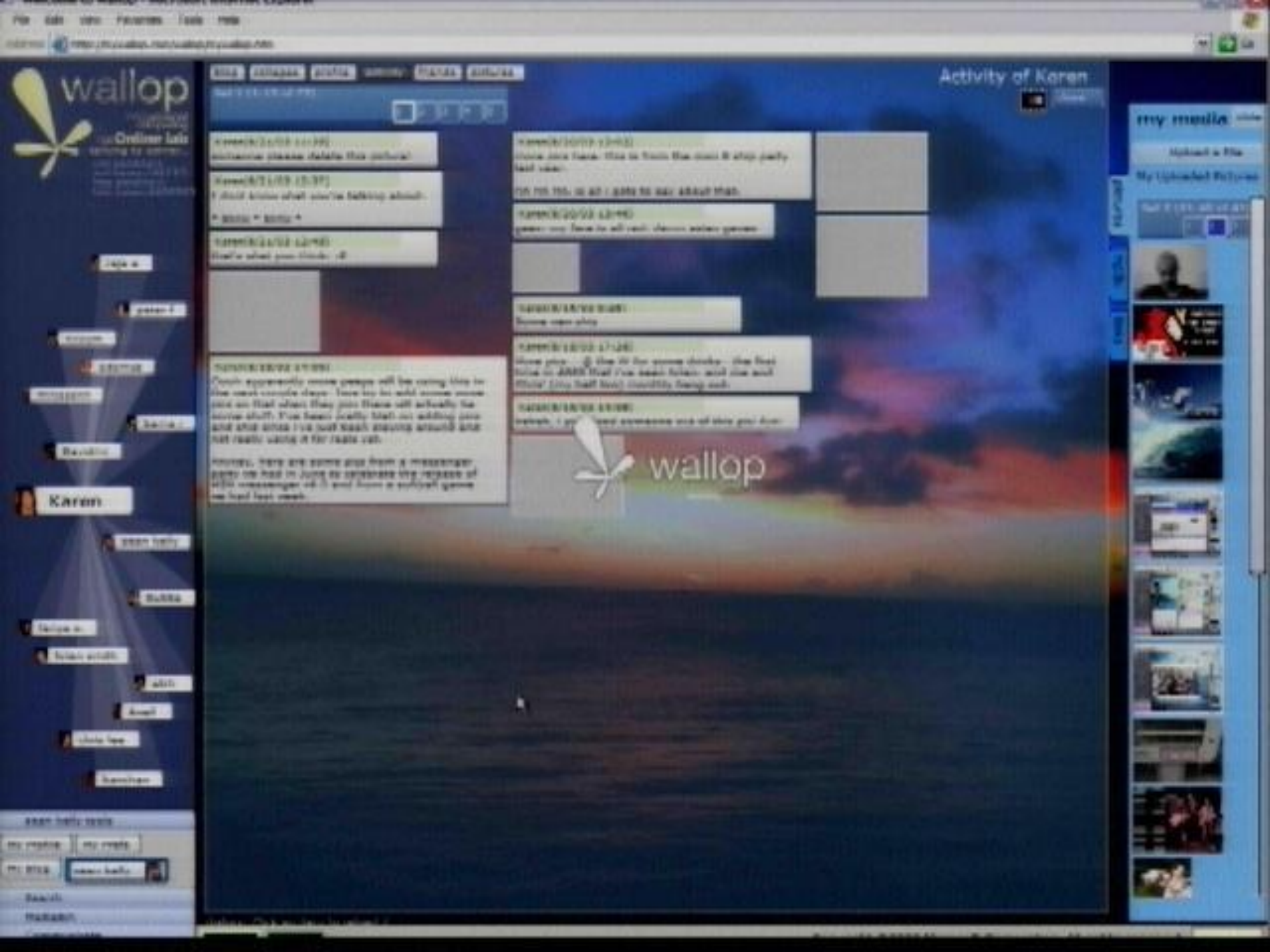

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bloggin'
Thursday, August 21, 2003
sean kelly
Wallop has begun...
my media

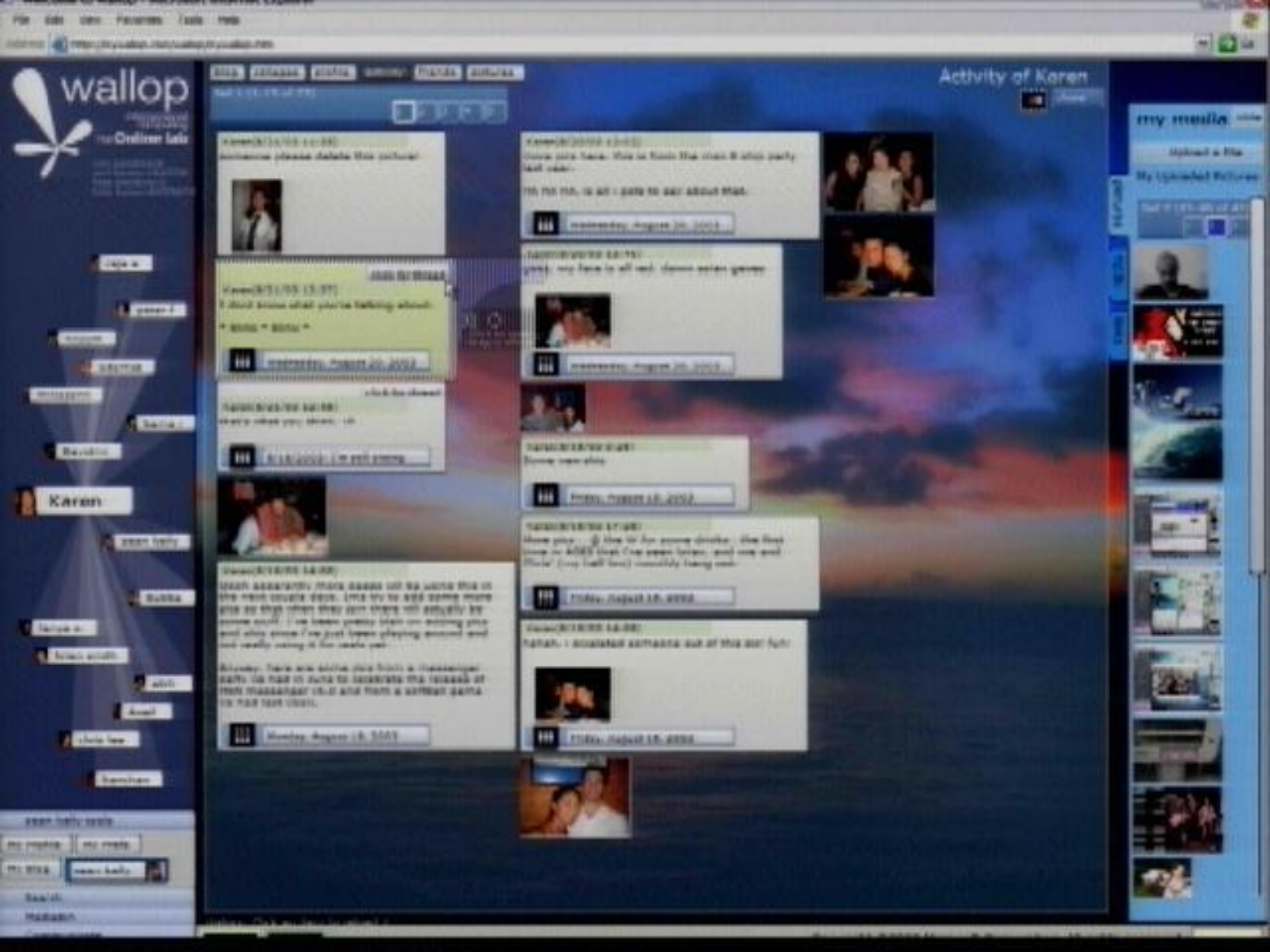

wallop
sean kelly
my media
identify image
sean kelly
Wallop has begun...

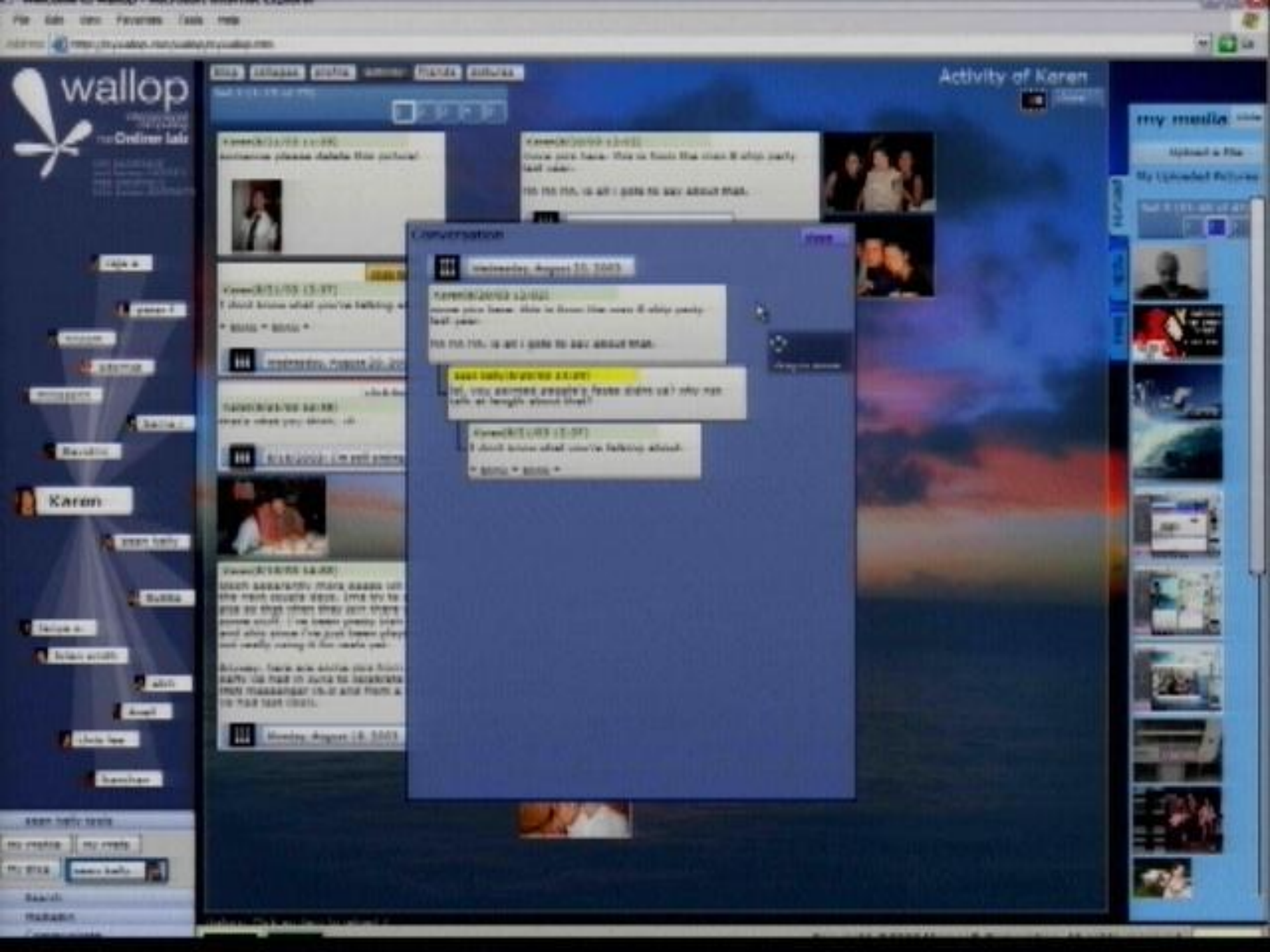

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sean kelly
bloggin'
Thursday, August 21, 2003
Wallop has begun...
my media

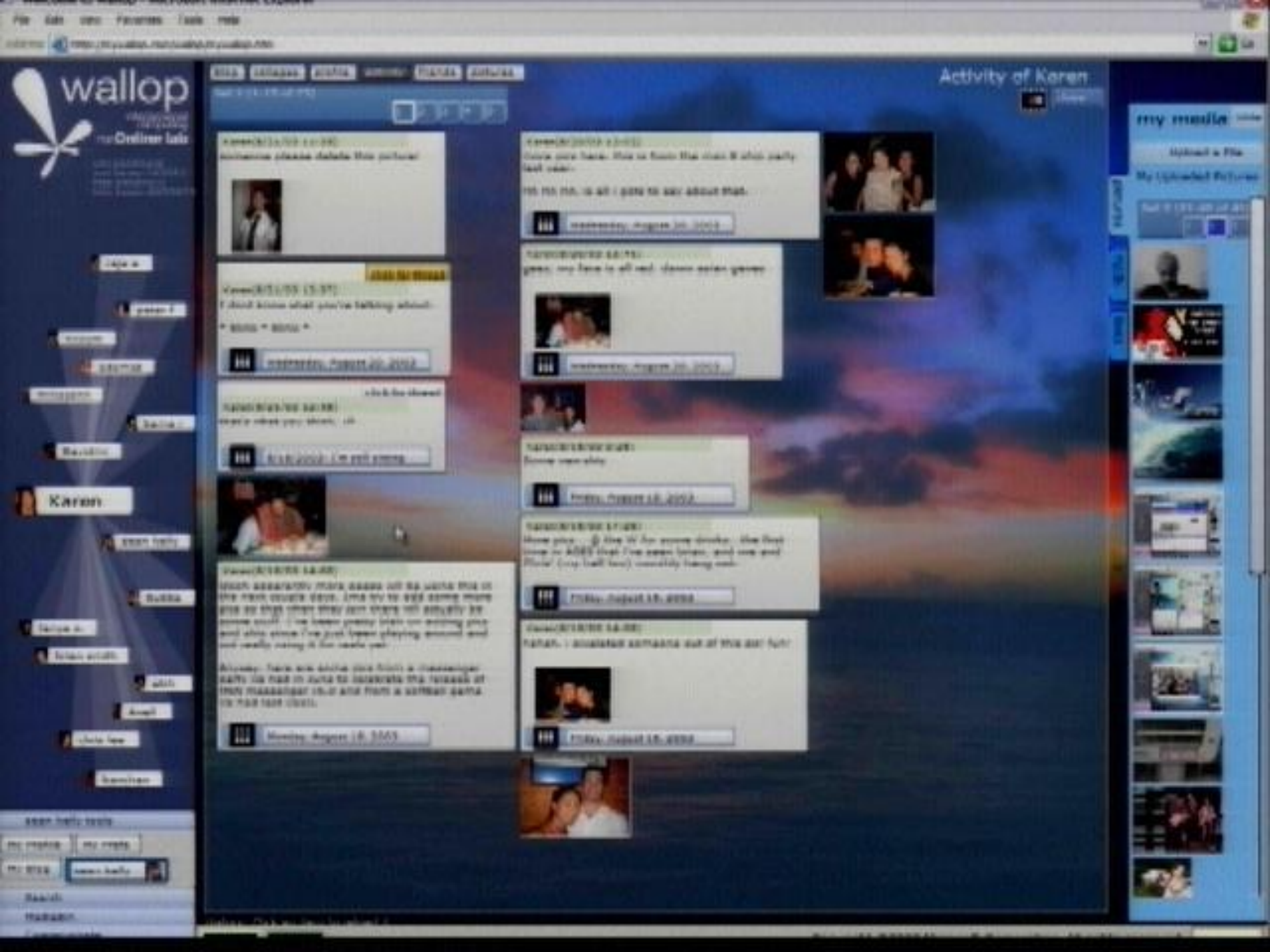

wallop
sean kelly
my media
bloggin'
Thursday, August 21, 2003
sean kelly

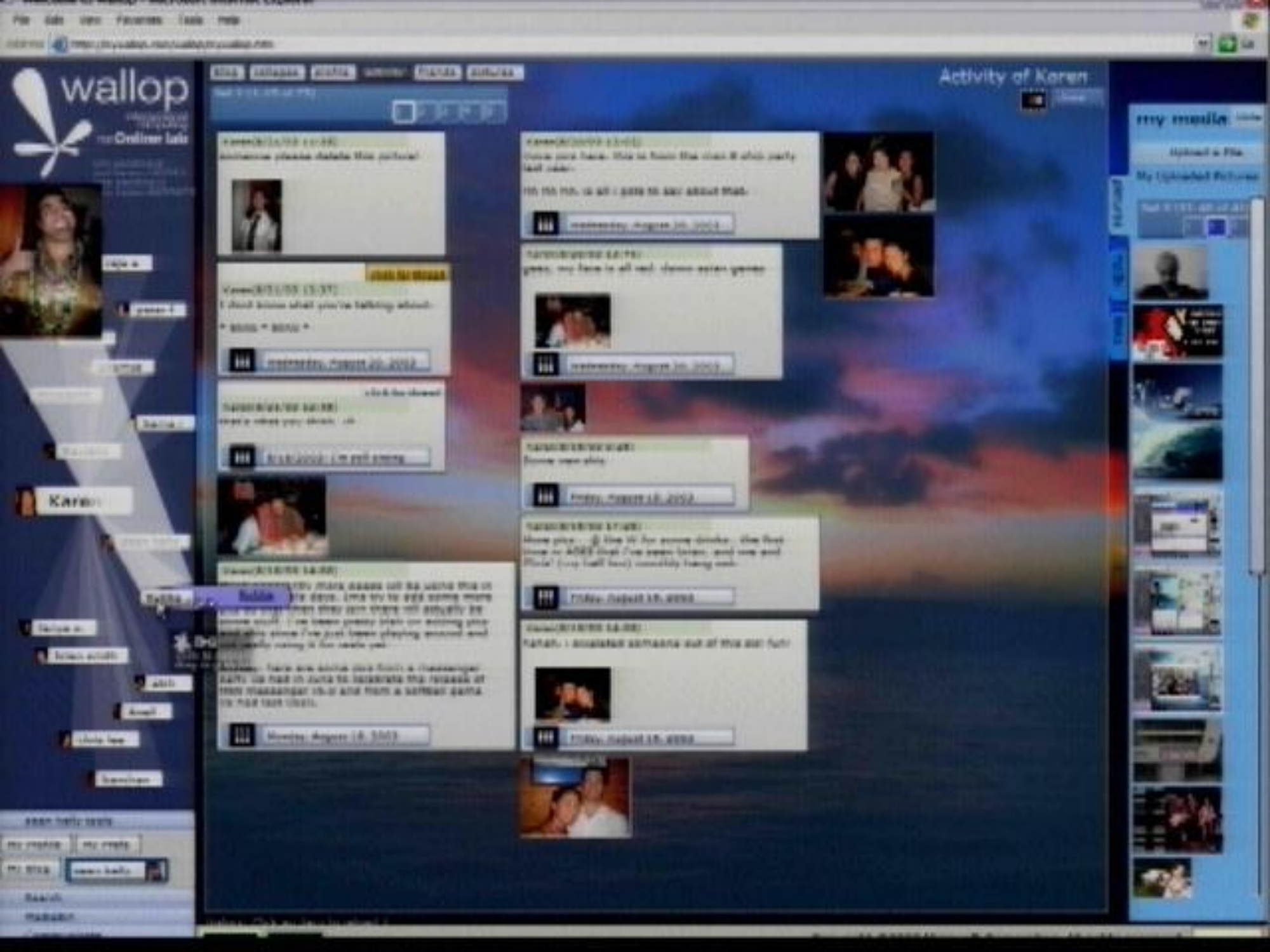

wallop
Activity of Karen
my media
Karen

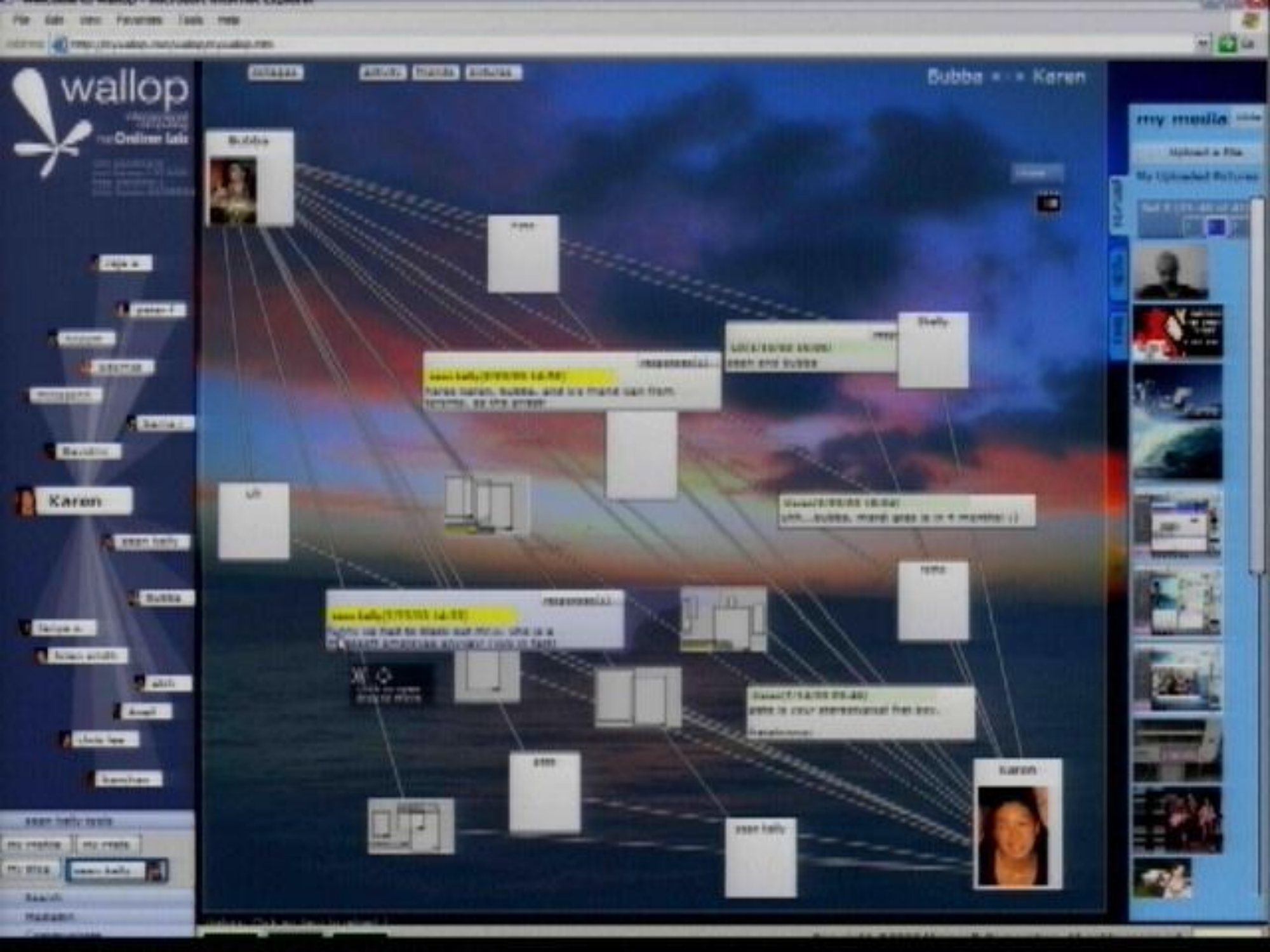

wallop
Activity of Karen
my media
wallop
Karen

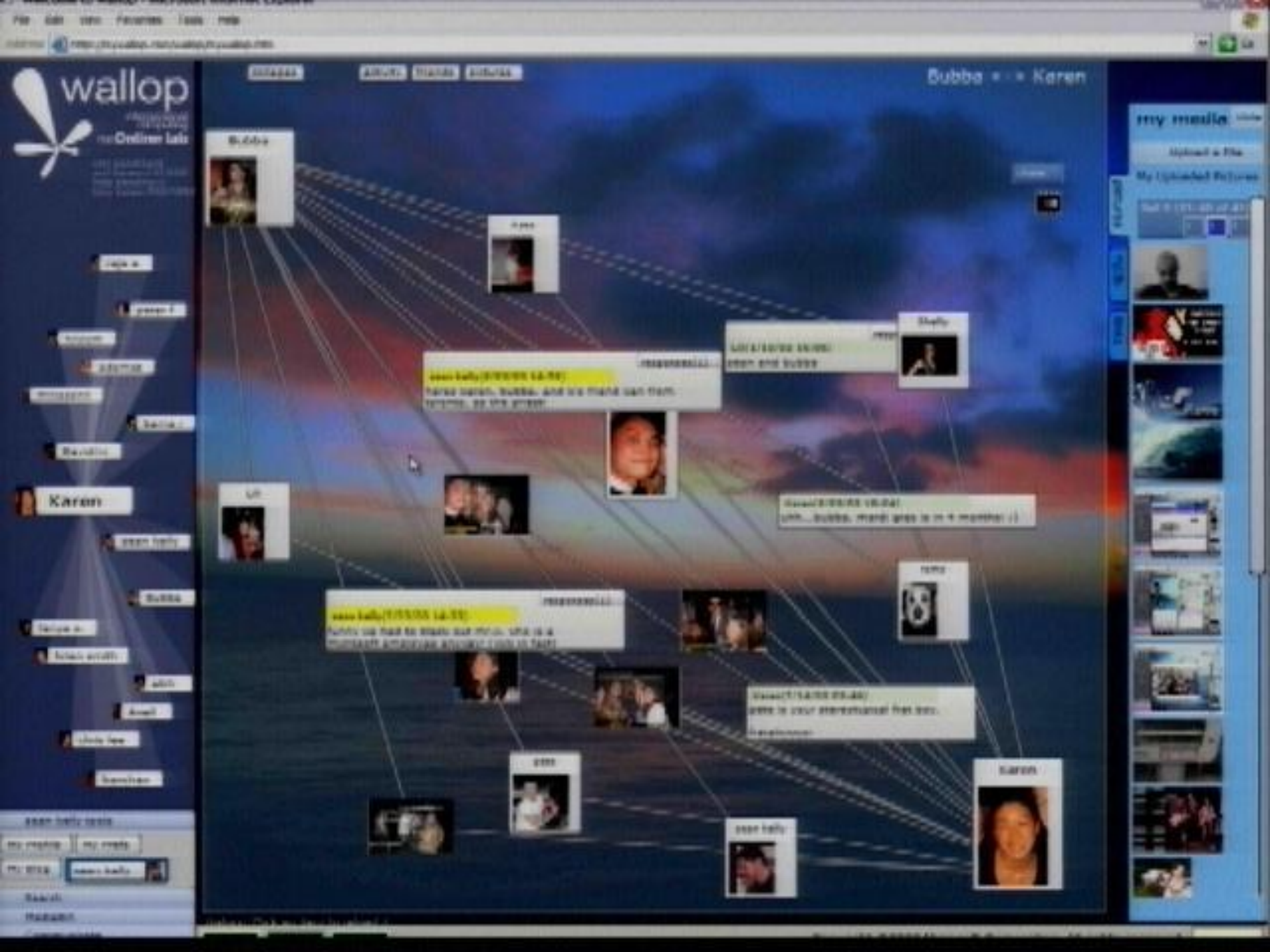

wallop
Activity of Karen
my media
Karen


wallop
Activity of Karen
my media
Conversation
Karen


wallop
Activity of Karen
my media
Karen


wallop
Activity of Karen
my media

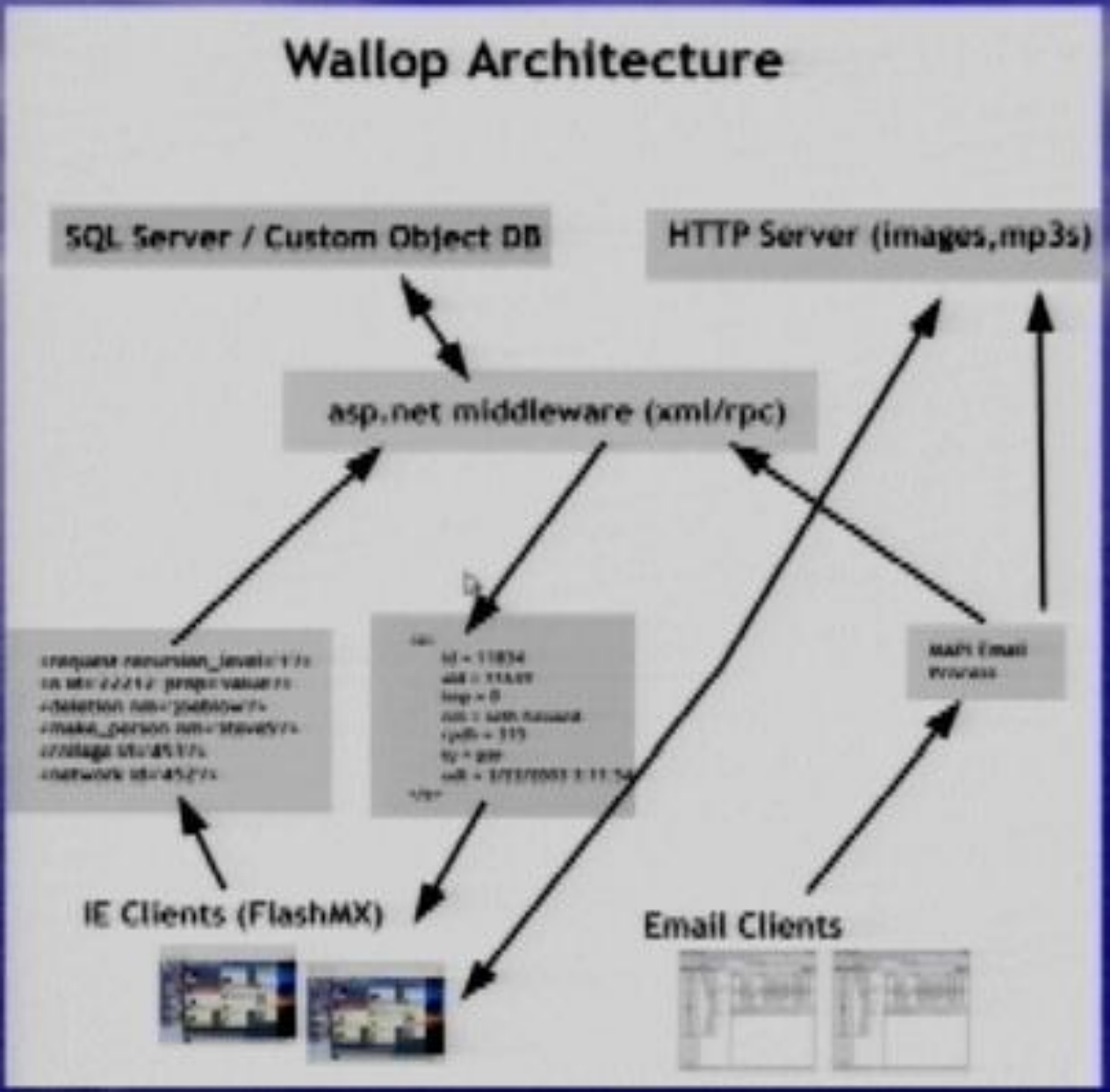

wallop
Bubba
Karen
my media


wallop
Bubba
Karen
my media


wallop
Pictures of Karen
my media
Karen


wallop
Activity of Shelly
my media
Shelly

Wallop Architecture



Next Steps

- Internal deployment started!
  - Open to any users with microsoft.com email addresses, sign up to be invited!
    - Or Email shellyf, scankell
  - Or visit http://www.mywallop.com to participate as a guest (email us for a password)
  - Email us feedback at our alias wallop@microsoft.com
- Test deployment, September
  - External users permitted (up to 100)
  - Assess usability, scalability, growth patterns
  - Fine-tune network and similarity measurments

Flipper

Jia-chi Wu Ryszard Kott
Social Computing Group, MSR
Aug 21, 2003

Microsoft Confidential

Overview

- Project goal
- Demo
- Issues & future work

Goal

- Lightweight application
- Rich status: pictures & annotations
- Peripheral awareness, instant notifications
- Blogging style: more open than IM

Background

- Messenger



Background

- Flipper XP



Background

- Flipper XP



Background

- Flipper XP



Background

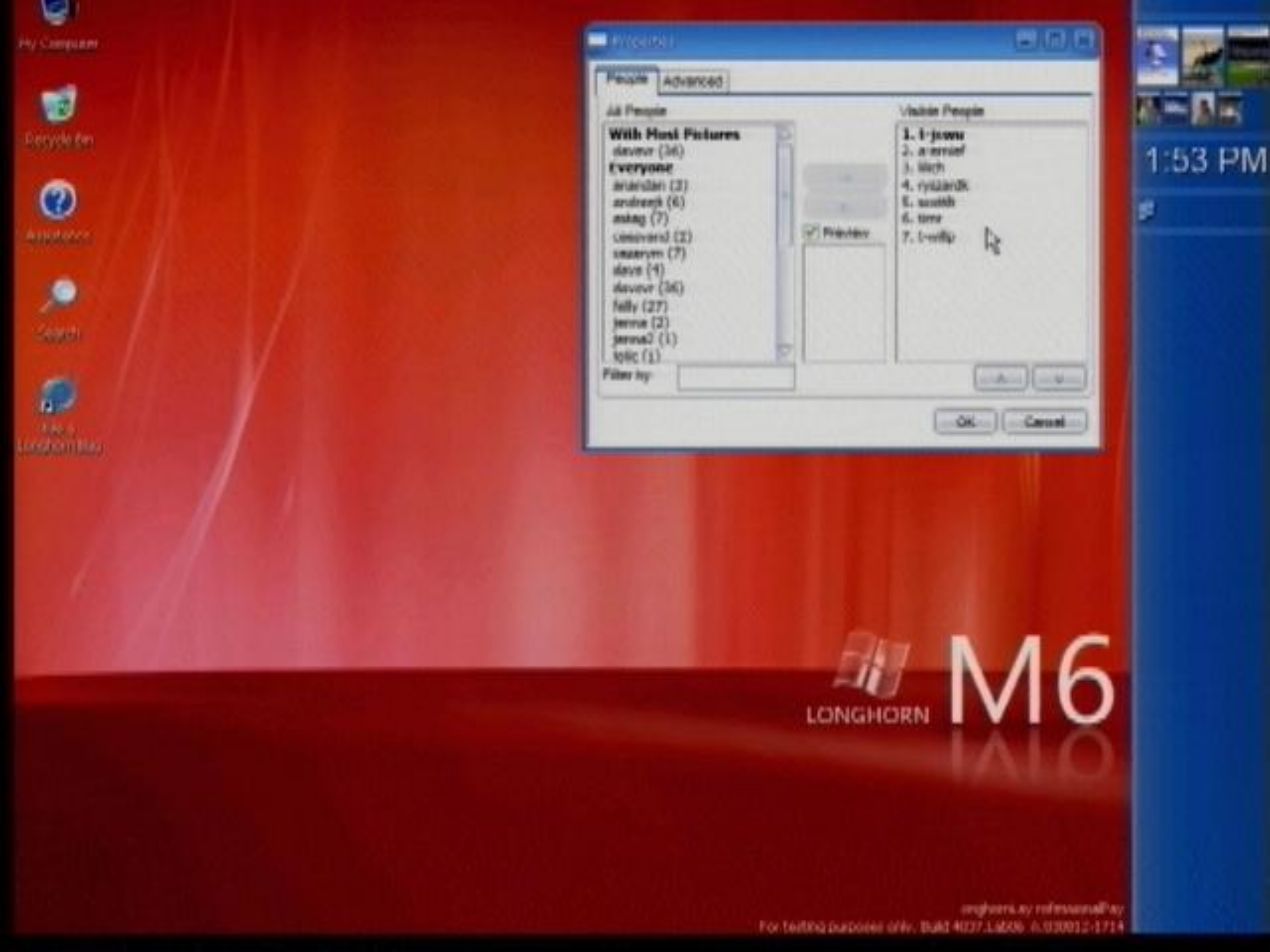
- Flipper XP





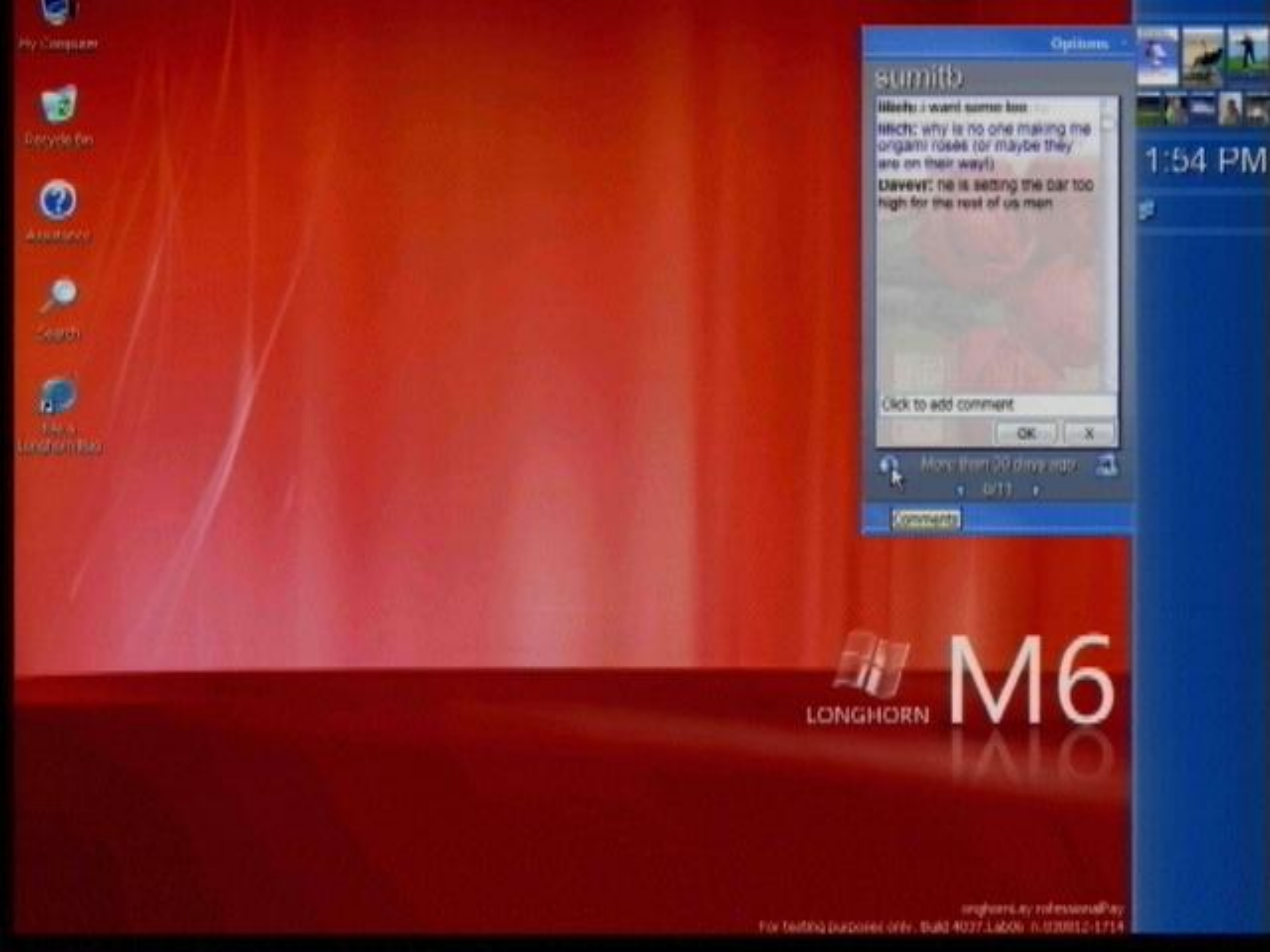
Demo

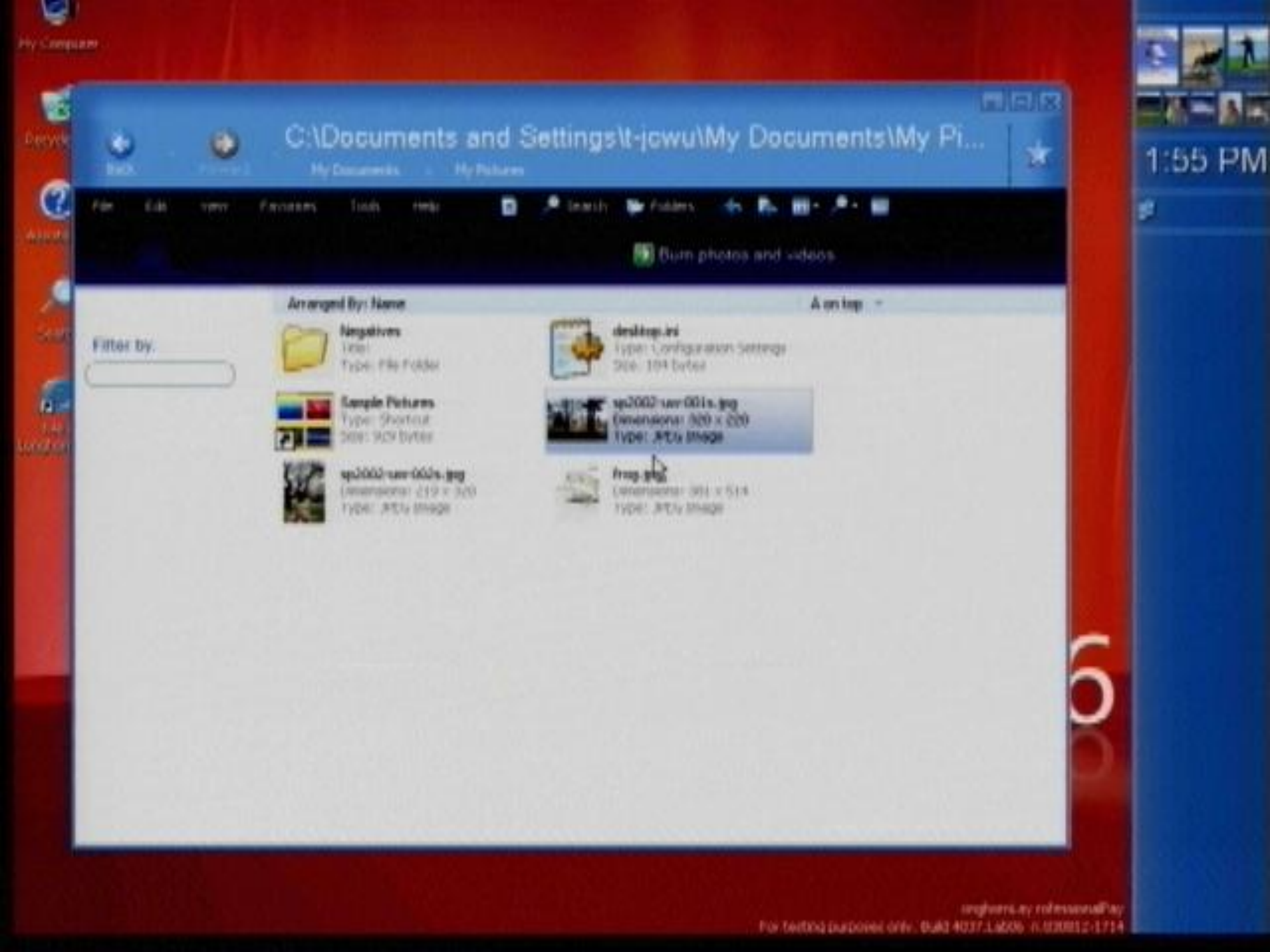

1:53 PM
LONGHORN
M6

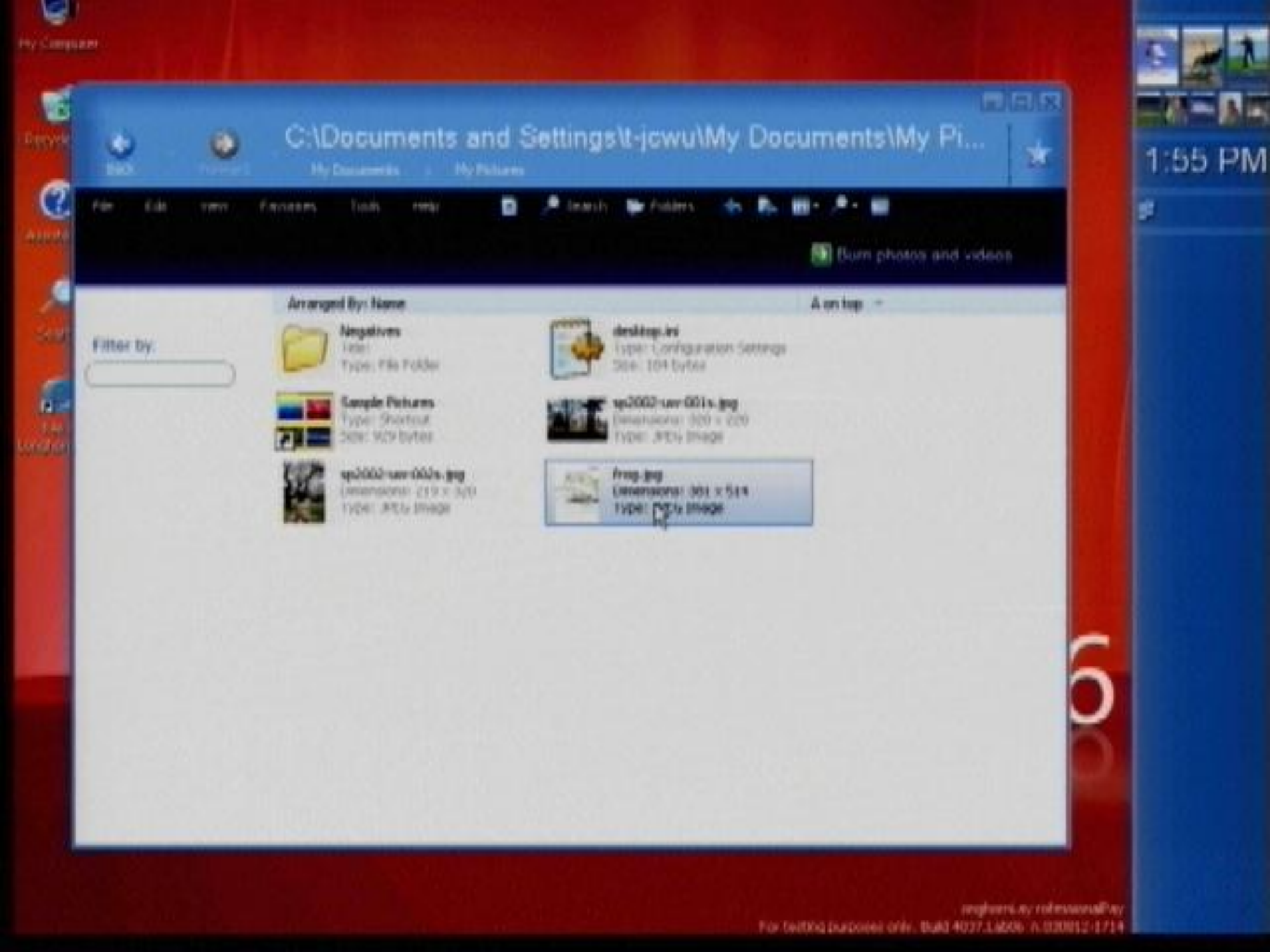

People
Advanced
With Most Pictures
Everyone
OK
Cancel
1:53 PM
LONGHORN
M6


Options
sumith
1:54 PM
LONGHORN
M6


Options
sumith
1:54 PM
LONGHORN
M6


Options
sumith
Click to add comment
OK
1:54 PM
LONGHORN
M6


C:\Documents and Settings\t-jcwu\My Documents\My Pi...
Burn photos and videos
Arranged By: Name
Filter by:
Negatives
Sample Pictures
1:55 PM


C:\Documents and Settings\t-jcwu\My Documents\My Pi...
Burn photos and videos
Arranged By: Name
Filter by:
Negatives
desktop.ini
Sample Pictures
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sp2002-uav-002s.jpg
frog.jpg
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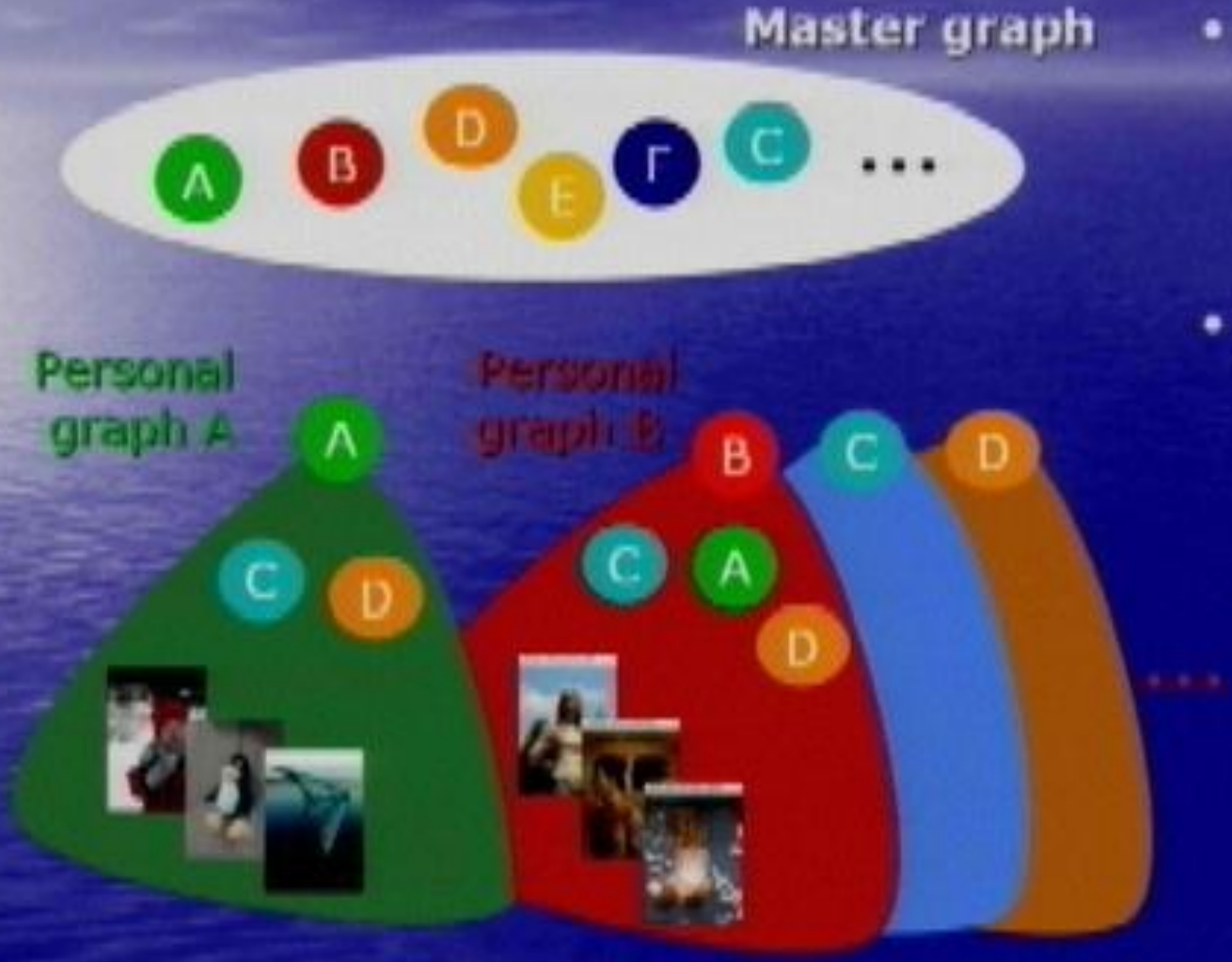
Peernets & Flipper

- Peernets features attractive for Flipper
  - Instant notifications w/out central server
  - A P2P graph or group is a distributed DB
  - DB data for a person gets propagated only to people who subscribe to see the person
- MS P2P ver. 1.0 released 7/23/2003 through MS Windows updates.

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Flipper Graphs



- Master graph carries
  - people names
  - statistics like # of pictures available
- Personal graph carries
  - pictures posted by the graph owner
  - annotations to the pictures from any user
  - names of users, usage data
  - bulk of data being exchanged

Peernets issues

- Latency few sec or more each
  - When opening & initializing any graph
  - When synchronizing graphs, updating data through events
- Limited DB functionality
  - DB queries at the Peernets record level only
    - supported: "Get picture records added since last week"
    - not supported: "Get 5 people with most pictures"
- Data management issues
  - Records can expire, updates can be overwritten
- Application has to cache records data
  - For better user's experience, caching of pictures and other info is a must

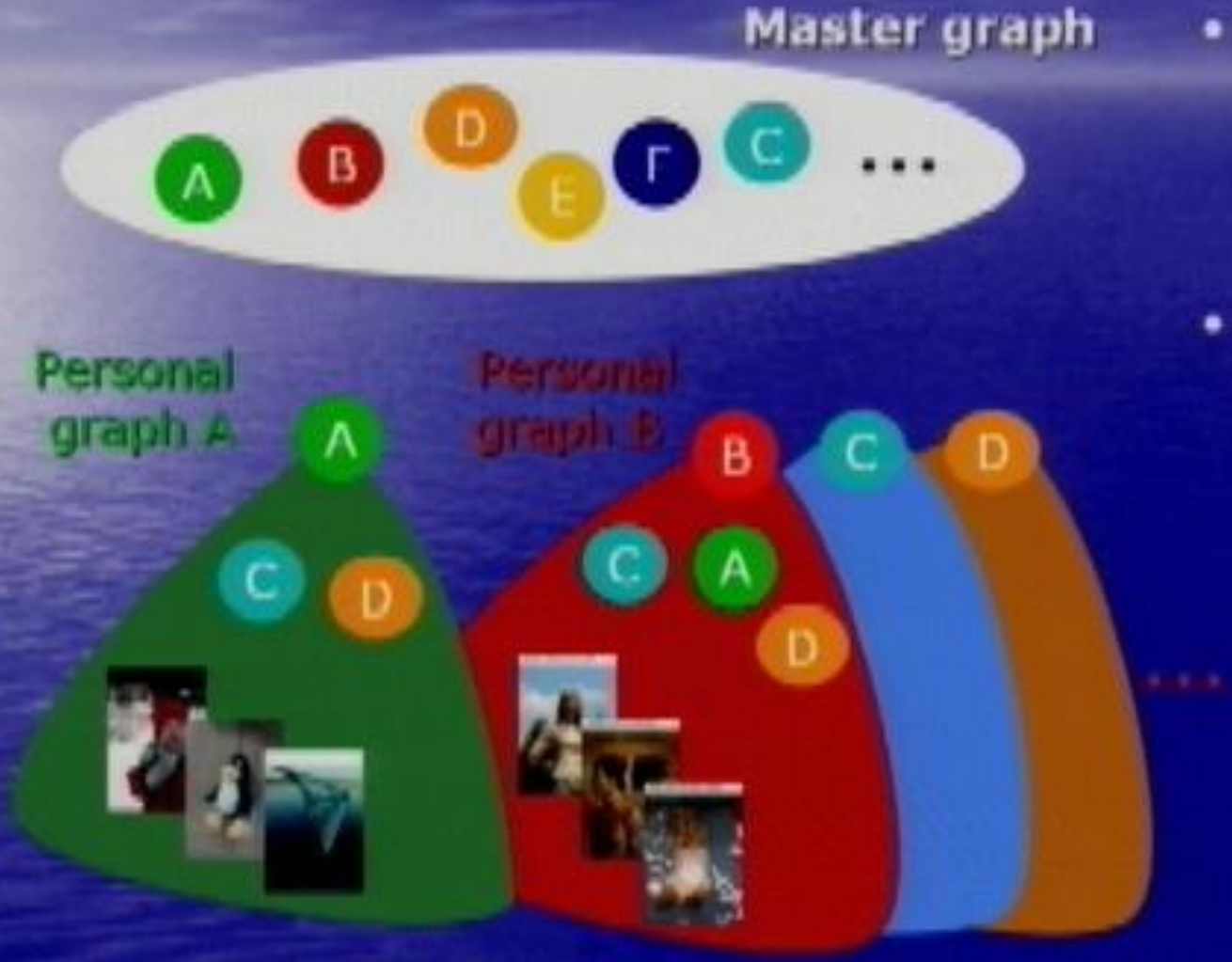
Next steps

- Deploy
  - Getting feedback from users, user study
  - Assessing scalability
- Improve functionality
  - Adding IM style IDs, multiple identities
  - Adding buddy groups for access control
- Integrate with other SCG projects
  - Wallop, PocketPC Flipper, other sharing projects

Questions?

- Acknowledgments:
  The MS Peernets team, the LH Sidebar team
- Contact:
  ryszardk, jcwu@cs.washington.edu, lilich

Flipper Graphs



- Master graph carries
  - people names
  - statistics like # of pictures available
- Personal graph carries
  - pictures posted by the graph owner
  - annotations to the pictures from any user
  - names of users, usage data
  - bulk of data being exchanged

Mobile Flipper

Scott LeeTiernan
Eric Fellheimer (MIT)
Social Computing Group, MSR
Aug 21, 2003

Microsoft Confidential

Project Overview

Goal: Enable 'life presence' through photo sharing on mobile devices

Prototype: Version of Flipper for pocket pc phones

Study: Usage and its impact on connectedness, awareness, enjoyment

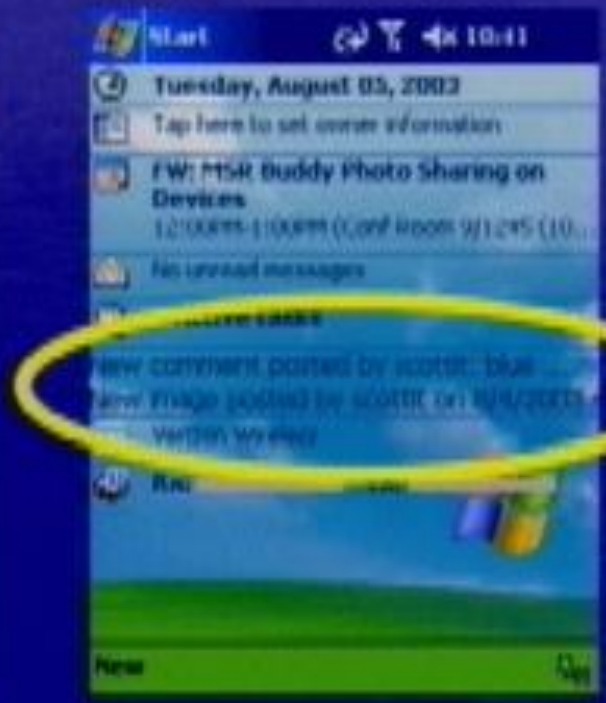
Demo



Main screen



Full view



Integration with Today Screen

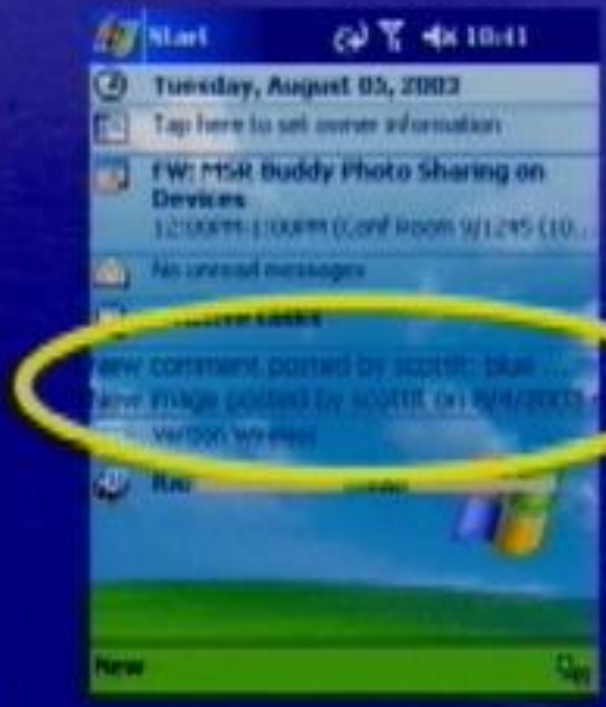
Demo



Main screen

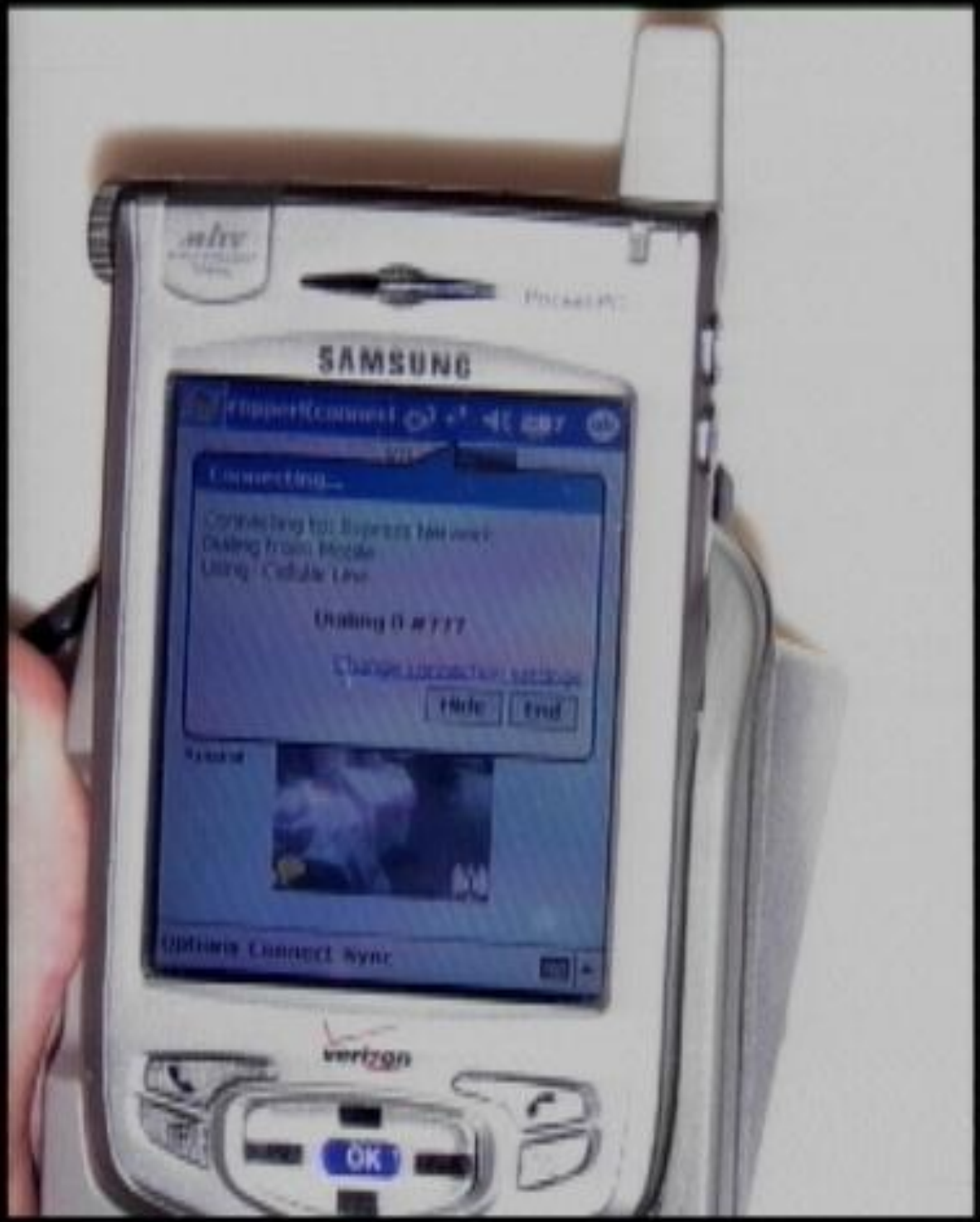


Full view



Integration with Today Screen


SAMSUNG
Options Connect Sync
OK


SAMSUNG
Connecting...
Hide
End
verizon
OK


SAMSUNG
Verizon
OK


SAMSUNG
OK

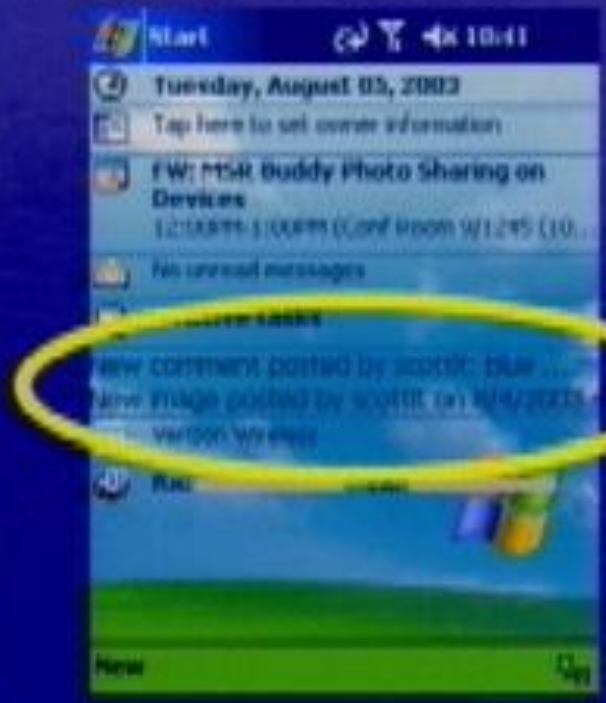
Demo



Main screen



Full view



Integration with Today Screen

Implementation

Backend: Wallop database, ASP middleware

Client: .Net compact framework with C#; content refresh every 8 minutes, mobile and desktop

Mobile specific issues: E.g., slow & intermittent internet connectivity, limited processing speed

Implementation

Backend: Wallop database, ASP middleware

Client: .Net compact framework with C#; content refresh every 8 minutes, mobile and desktop

Mobile specific issues: E.g., slow & intermittent internet connectivity, limited processing speed

Desktop v. Mobile Content

- Photo quality rough
- People + location + now
- Less composed
- Fewer comments

- Overall more informal, immediate!
- Better sense of life presence?

Desktop v. Mobile Conte

- Photo quality rough
- People + location + now
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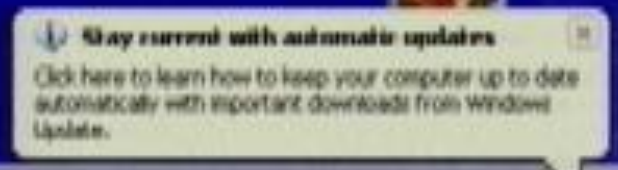
Desktop v. Mobile Conte

- Photo quality rough
- People + location + now
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- Fewer comments





- Overall more informal, immediate!
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Desktop v. Mobil



- Photo quality rough
- People + location + now
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- Fewer comments

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Desktop v. Mobil



- Photo quality rough
- People + location + now
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- Fewer comments

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- Better sense of life presence?

Desktop v. Mobil



- Photo quality rough
- People + location + now
- Less composed
- Fewer comments

- Overall more informal, immediate!
- Better sense of life presence?

Field Study

Participants: Groups of 4 friends or family members given mobile devices to use for 2 weeks

Comparisons:

- Mobile Flipper vs. digital camera phone
- Mobile Flipper vs. Desktop Flipper

Measures:

- Behavioral: photo sharing, viewing, commenting
- Subjective: sense of connectedness, group cohesion, feeling of being social, enjoyment

Results

- Subjective/General feedback: High marks for connectedness; sharing photos easier, more fun; more authoring control, integration with IM
- Usage: More participation by mobile users

	Desktop users	Mobile and desktop users	
		Total	Mobile only
Photos shared	11 (11)	19 (7)	13 (6)
Comments	3 (3)	6 (5)	1 (1)

N = 12, time = one week

Summary & Next Steps

Enabling 'life presence' through photo sharing on mobile devices

Next steps:

- Persistence of images: how/why fade photos over time
- Personas: Grouping for more specific authoring
- Additional studies, deployment!

Contact info: scottlh; fally@mit.edu



Peripheral Social Awareness and Smart Convergence

Pedram Keyani
Shelly Farnham
Social Computing Group, MSR
Aug 21, 2003

Microsoft Confidential

Smart Mobs

- "Smart mobs emerge when communication and computing technologies amplify human talents for cooperation" Howard Rheingold

- Examples
  - Activists
  - Star groupies
  - Flash Mobs (Pranksters)
  - Emergency workers



Smart Mobs in Action

- In 1999 anti-WTO protesters made heavy usage of websites and cell-phones in the "battle of Seattle."
- In 2001 a million Filipinos toppled President Estrada through public demonstrations organized through text messages





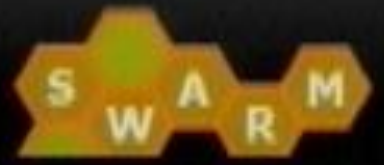
SWARM Goals

- Goals:
  - Lightweight coordination
  - More peripheral awareness of people's status
  - Less centralized, more informal organization of groups
- Today:
  - Cell phones (voice) used to communicate sync 1:1, expressive, interruptive
  - Email lists (text) to communication async 1:many, not interruptive, but not mobile



Swarm…

- Cell phone, SMS (Short Message Service) based text messaging
- Broadcast message distribution service
- Personal status storage and retrieval
- Nothing to install, uses SMS-based command system



Architecture



Thinner than thin-client

Cellular Infrastructure

Swarm Server

Wallop Database

SWARM

Shelly's Groups



Shelly













Cezary



Sean



Lili



Pedram

Coworkers

Close Friends



Scott

Coffee



Shelly's Groups





Shelly



Pedram



Cezary



Sean



Lili

Coworkers

Close Friends



Scott

Coffee



Shelly's Groups



Shelly













Cezary



Sean



Lili



Pedram

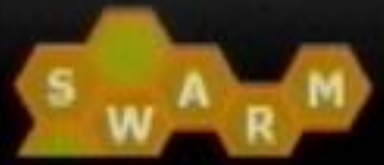
Coworkers

Close Friends



Scott

Coffee



Shelly's Groups



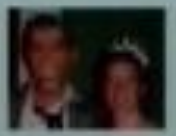
Shelly













Cezary



Sean



Lili



Pedram

Coworkers

Close Friends



Scott

Coffee



Scenario



Shelly

Sends <Add Pedram 16508237747 to coffee>



Swarm Server

425 445 0258





Scenario



Shelly

Sends <Add Pedram 16508237747 to coffee>



Swarm Server

425 445 0258



Scenario



Shelly

Sends <Coffee caffeine?> to swarm



Swarm Server





Scenario



Shelly

Sends <Coffee caffeine?> to swarm







Receives <Shelly: caffeine?>





Swarm Server





Scenario



Shelly

Sends <Coffee caffeine?> to swarm







Receives <Shelly: caffeine?>



Swarm Server







Scenario



Coffee



Shelly

Sends <Give Pedram coffee> to swarm



Swarm Server

Receives <Shelly gave you group coffee>



Pedram



Coffee



Scenario



Shelly

Sends <Coffee caffeine?> to swarm

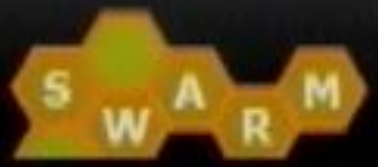
Receives <Shelly: caffeine?>

Swarm Server



Commands

- Basic commands
  - Who, Add, Edit, Remove, Help
- Group commands
  - **Create** <group>
  - **Give** <person> <group>
- Group communication
  - **(<group>)** <Broadcast message>
- Personal status
  - **Update** <Personal status message>
  - **Poll** (<group>)



Measuring Success

- Key Questions
  - Will people really use it? (Is it easy, intuitive and fun to use?)
  - Do groups feel more connected?
  - Does it successfully facilitate convergence?
  - **Do users have more fun?**
- User Studies
  - Experimental study: Card based scavenger hunt to measure effectiveness of communication system (In progress)
  - Exploratory: Real life Seattle social groups to study how it is used and ways to improve it (Sept 03)



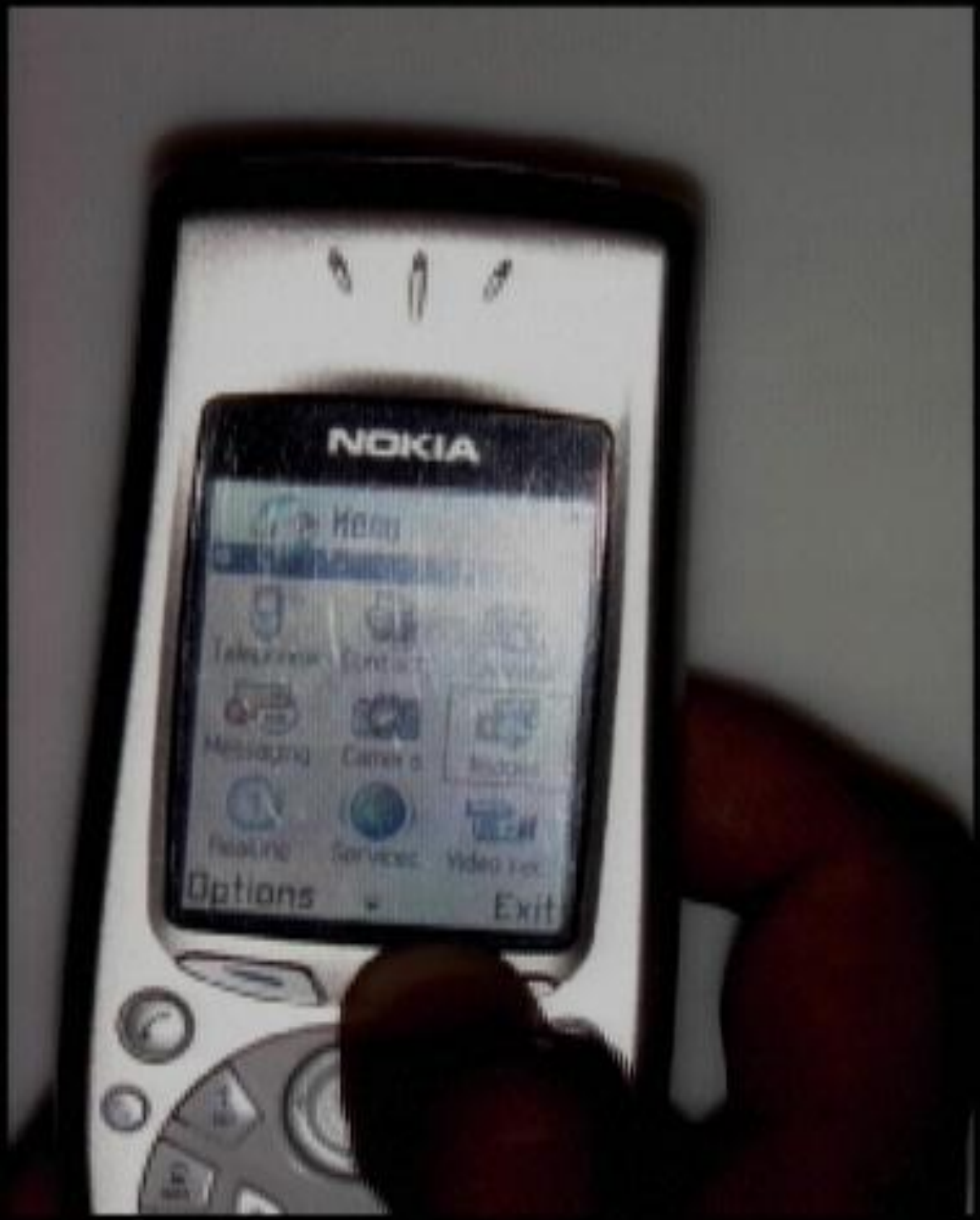
Summary & Next Steps

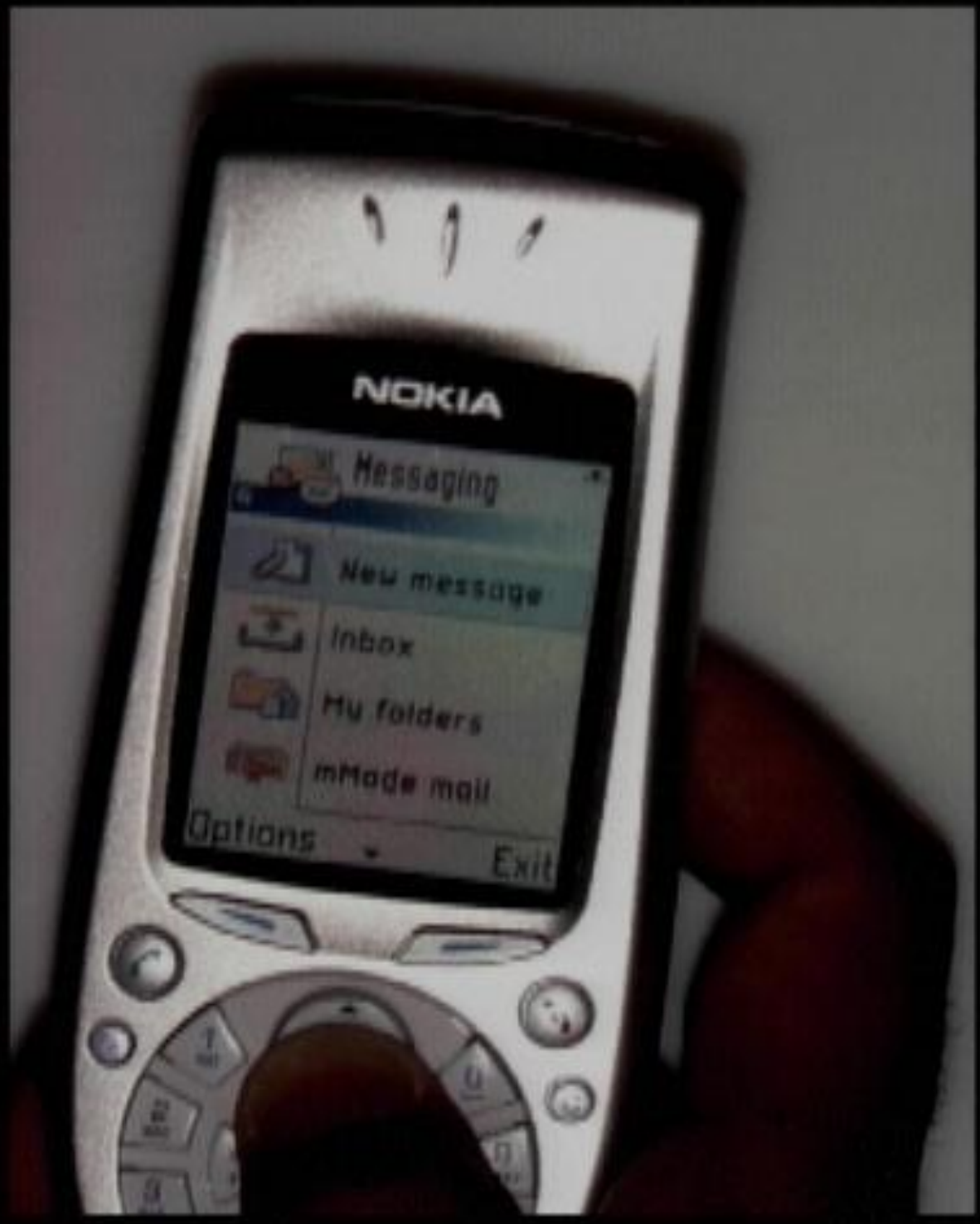
- So Far
  - Swarm built to improved group awareness via SMS based broadcast system
- Next Steps:
  - Study SWARM usage by social groups in Seattle
  - Publish papers and get our ideas out there!

Contacts: Pedram (t-Keyani) & Shelly (Shellyf)

SMS Swarm @ 425 445 0258




NOKIA
Options
Exit


NOKIA
Messaging
New message
Inbox
My folders
mMode mail
Options
Exit


Options
Back


NOKIA

Canopus

Navigating the Blogosphere

Meredith Finkelstein, NYU
Sean Kelly
Social Computing Group, MSR
Aug 21, 2003

Microsoft Confidential

Problems in Blogging

- There are so many blogs out there,
how can I discover blogs I care about?

- It takes too much time to read my blogs,
how do I skim through them?

- My blog comments get lost,
how can I have a conversation around a post?

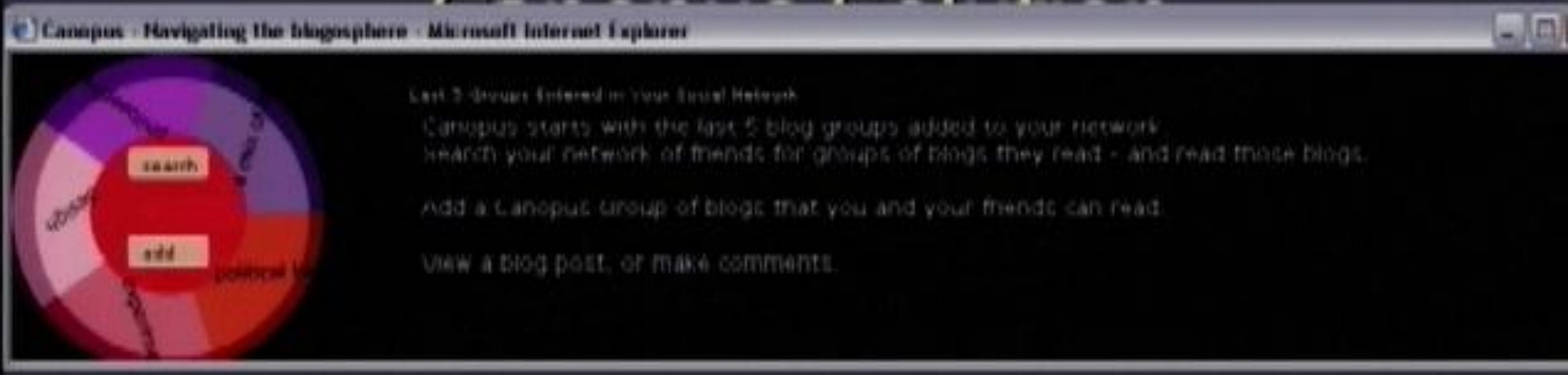
Canopus Solution

Using your social network

- Find blogs through your friends (social network)
- Poll blogs and read them on your desktop.
- Converse with your social network around a post.
- Use syndication (RSS) and Weblog APIs



Canopus Solution



- Converse with your social network around a post.
- Use syndication (RSS) and Weblog APIs





- Poll blogs and read them on your desktop.
- Converse with your social network around a post.
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- Poll blogs and read them on your desktop.
- Converse with your social network around a post.
- Use syndication (RSS) and Weblog APIs



Canopus - Navigating the blogosphere - Microsoft Internet Explorer



Canadian Group Political Blogs
Three-Toed Sloth
The Leaden Road to
Fair and Balanced
Tha Art of Noise
Sudden nothing
someone appears not sma
about blogtown
i always miss the good stuff
Path of the Paddle
Return of the Exile!
Funnies/For your peru
the Other Distinct Sock
http://blogs.org/weblog/archives/000094.html
Done

Three-Toed Sloth

Fair and Balanced Takes from the Canopy (and occasional stochastic filtering)

« Fair and Balanced | Main

August 14, 2003

The Leaden Road to Samarkand

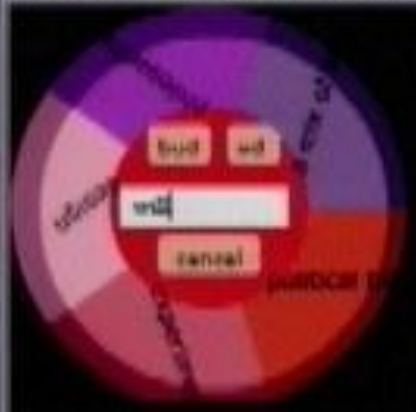
Islam Karimov, the tyrant of Uzbekistan, is not Central Asia's most colorful ruler, but he's certainly in the running for the worst, as Robert Temple reports in t now an American ally, in exchange for an airbase of dubious strategic value and the usual counter-productive crackdown on any and all kinds of dissent. It is committed to supporting the dictatorship of a man who has opponents of the regime boiled alive. Worse than a crime, it is a blunder:

> The sort of real changes that are needed — changes that might bring democracy and economic opportunity to Uzbeks — will never occur as long as Ka things that the United States offers is starting to become pallen and resentful at the unquestioning support Washington gives their dictator. Moderate M expression and political opposition closed off to them except the underground mosques. Middle-class families are being squeezed out of their business turning bitter and disillusioned. We know how this story ends.

Indeed we do.

Of course, the problem picking the worst regime in Central Asia is that there are so many awful ones to chose from. Geographically, a strong case could be ma If we leave that claim to one side, Uzbekistan may well qualify for the worst, but it's not as if the competition isn't stiff. Take, for instance, Kazakhstan, on whic

Canopus - Navigating the blogosphere - Microsoft Internet Explorer



Last 5 groups created in your local network

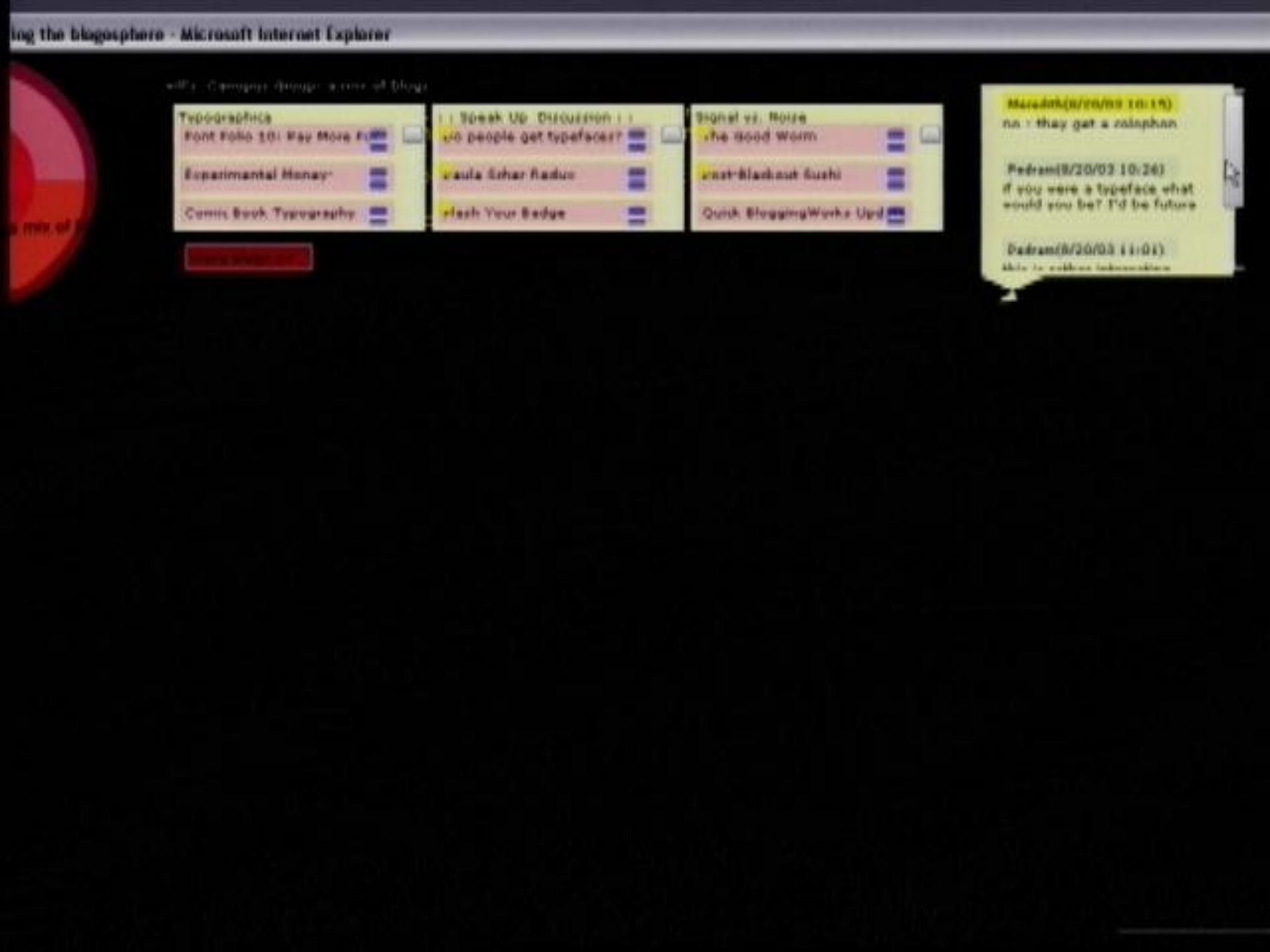
Canopus starts with the last 5 blog groups added to your network.
Search your network of friends for groups of blogs they read ... and read those blogs.

Add a Canopus Group of blogs that you and your friends can read

View a blog post, or make comments.


Canopus - Navigating the blogosphere - Microsoft Internet Explorer
search
add
Typographica
Font Folio 10: Pay More F
Experimental Money-
Comic Book Typography
Signal vs. Noise
The Good Worm
Post-Blackout Sushi

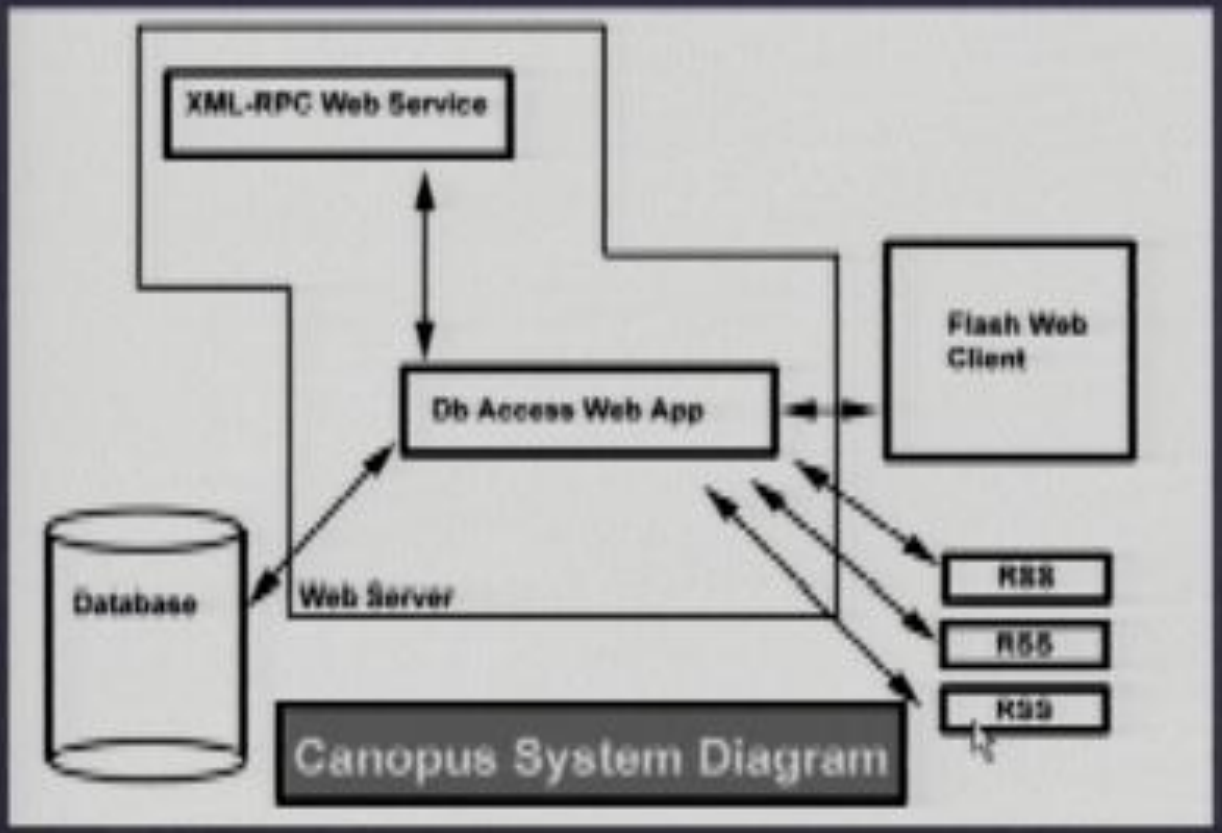

Canopus - Navigating the blogosphere - Microsoft Internet Explorer
search
add
Typographica
Font Folio 10: Pay More Fo
Experimental Money
Comic Book Typography
Speak Up
Signal vs. Noise
The Good Worm
Post-Blackout Sushi


ing the blogosphere - Microsoft Internet Explorer
Typographica
Font Folio 10: Way More Fo
Experimental Money
Comic Book Typography
: : Speak Up Discussion : :
do people get typefaces?
paula Scher Redux
Flash Your Badge
Signal vs. Noise
the Good Worm
post-Blackout Sushi
Quick BloggingWorks Upd
Meredith(8/20/03 10:19)
no : they get a raisphan
Pedram(8/20/03 10:26)
if you were a typeface what
would you be? I'd be future
Pedram(8/20/03 11:01)

Canopus Solution



The Canopus System



Uses syndication (RSS) and Weblog APIs

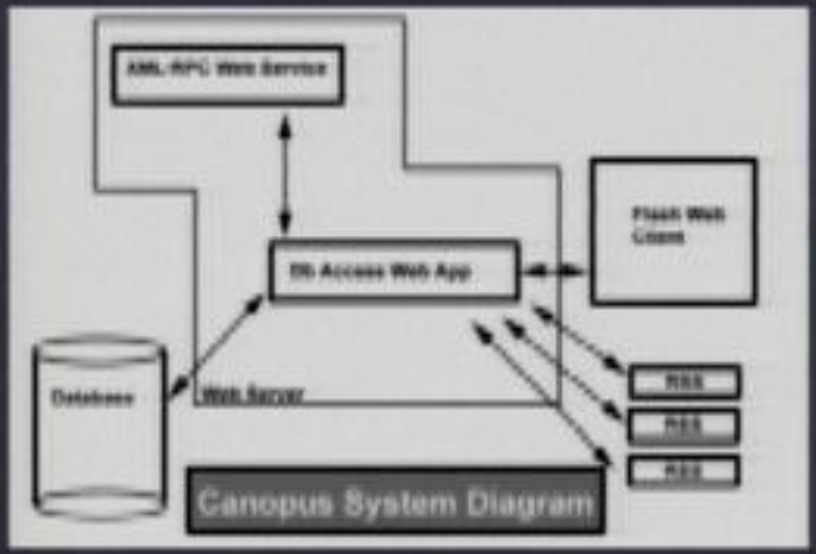
- Process RSS protocols
- Store content
- Post with XML-RPC

Next for Canopus

- Integrate UI with social network (Wallop)
- User Testing
- Explore making a Peer Net Application

Email: t-meredf@microsoft.com
Email: seankell@microsoft.com

The Canopus System



Uses syndicatio
and Weblog AP
- Process RSS p
- Store content
- Post with XML-

The structure of the blogosphere


anopus - Navigating the blogosphere - Microsoft Internet Explorer
Signal vs. Noise
The Good Worm
Rust-Blackout Bushi
Quick Bloggingworks upd
Speak Up, Discussion
Can pandas get typefaces?
Paula Silver Redux
Flash Your Badge
Typographica
Font Folio 10: Day More F
Experimental Monsey
Comic Book Typography

User Organization

- Organization is too much work
- Single rigid hierarchy doesn't match how people think

- Sapphire Approach:
  - Use database instead
  - Build UI around *Properties*

- Prototypes, studies run on XP & Longhorn
- Collaboration with Windows Storage team

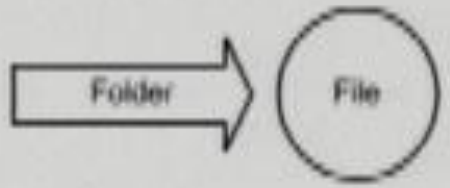
Property-Based Organization

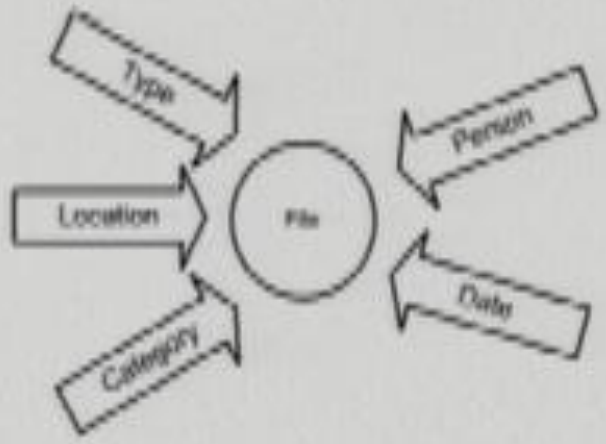
Today:

- Authored organization
- Separate stores (local, shares, email)
- Single hierarchy per store

New Approach:

- Automatic *and* authored organization
- Integrated stores
- Multiple overlapping sets based on properties



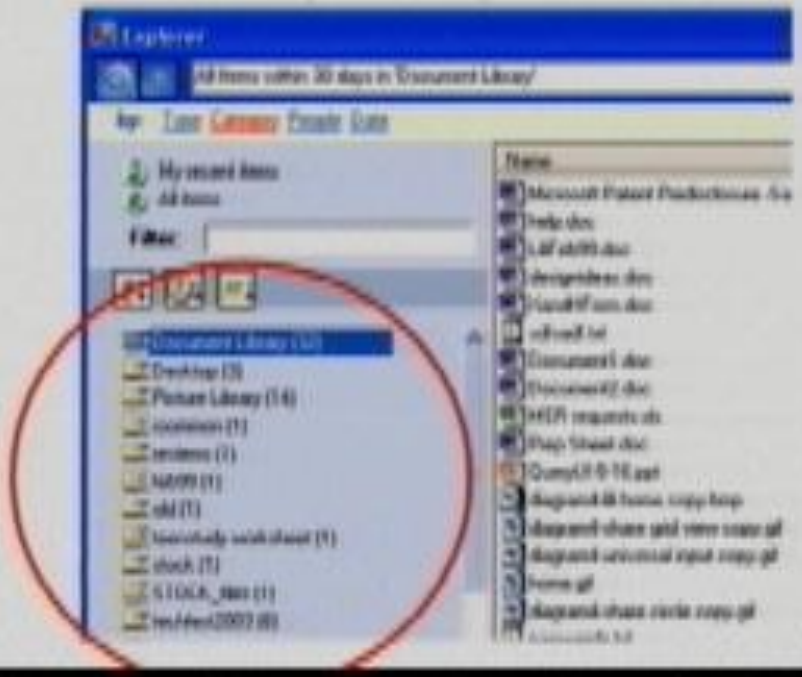


Study 1: Hierarchy & Migration

- Hand-selected key properties
  - Type, Category, People, Date
- With and without hierarchy
- Integrated store (local computer, shares, email)

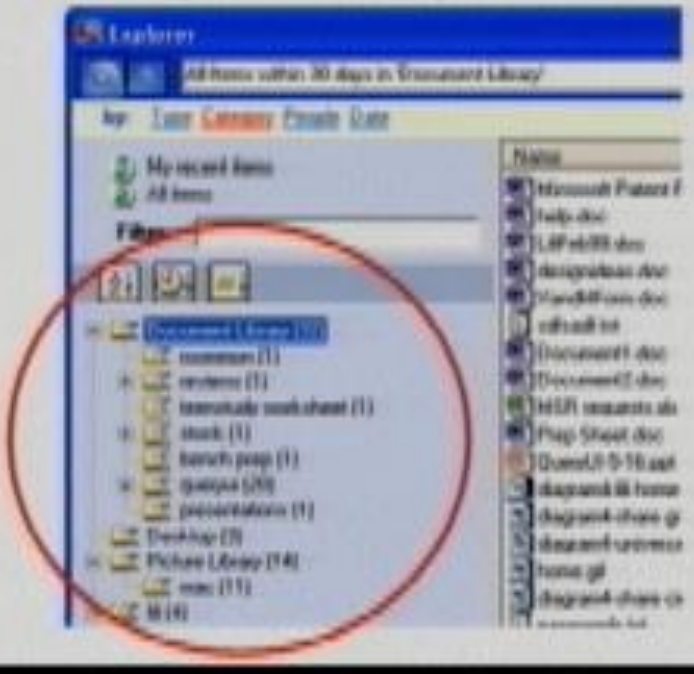
Flat presentation

Ordered by recency



Hierarchical presentation

Adaptive ordering



Study 1: “Save As..” Prototype

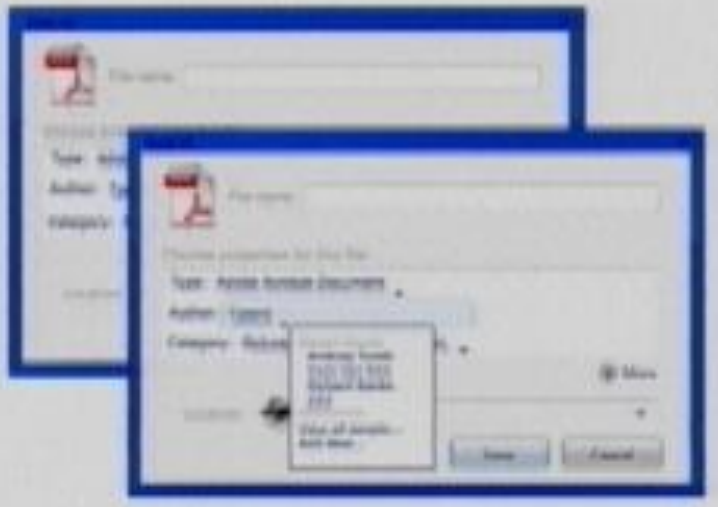
Full View:

- Emphasis on categories
- Show category contents

Minimal / Default View:

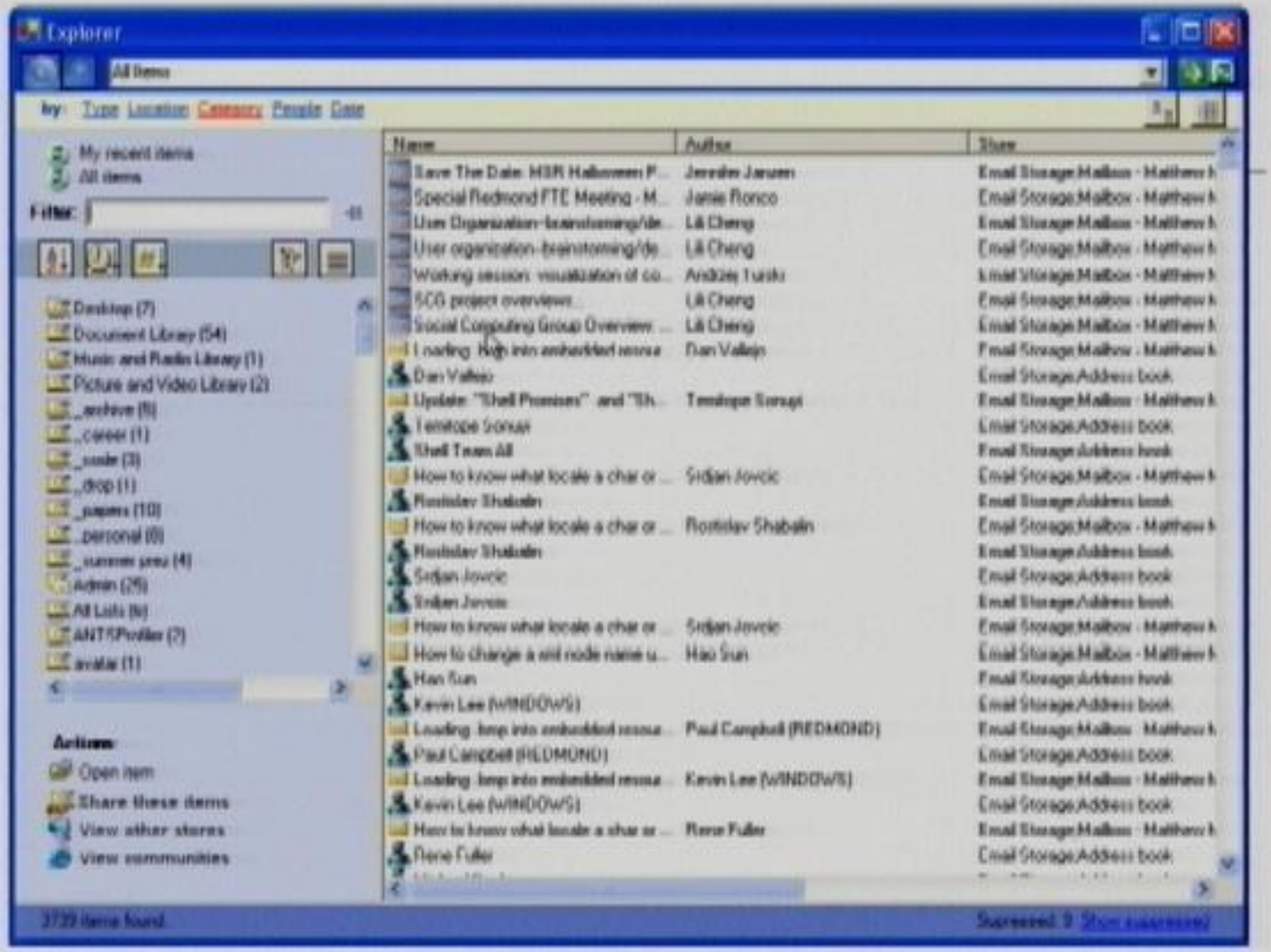
- Key properties emphasized equally
- Drop-downs & auto-complete

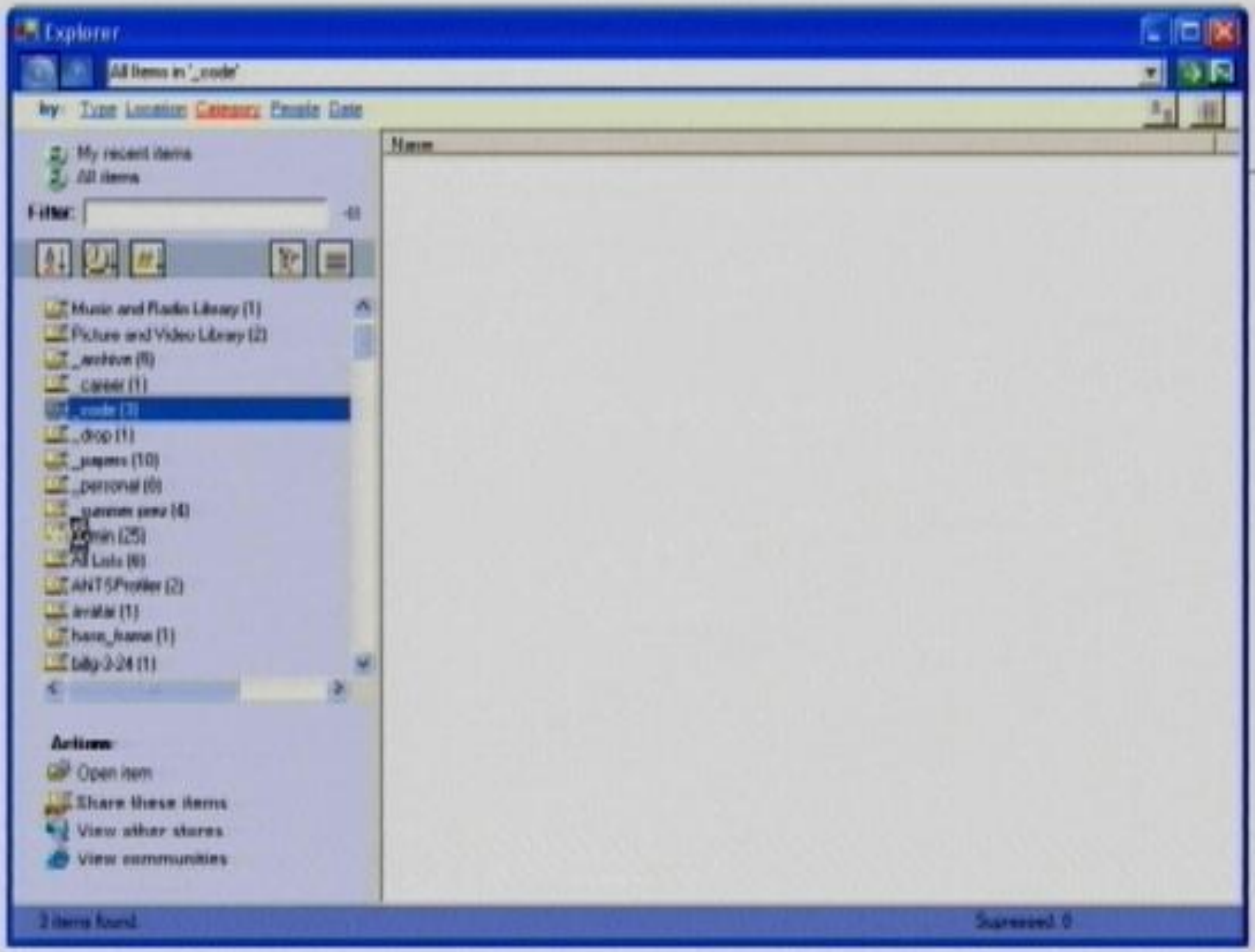


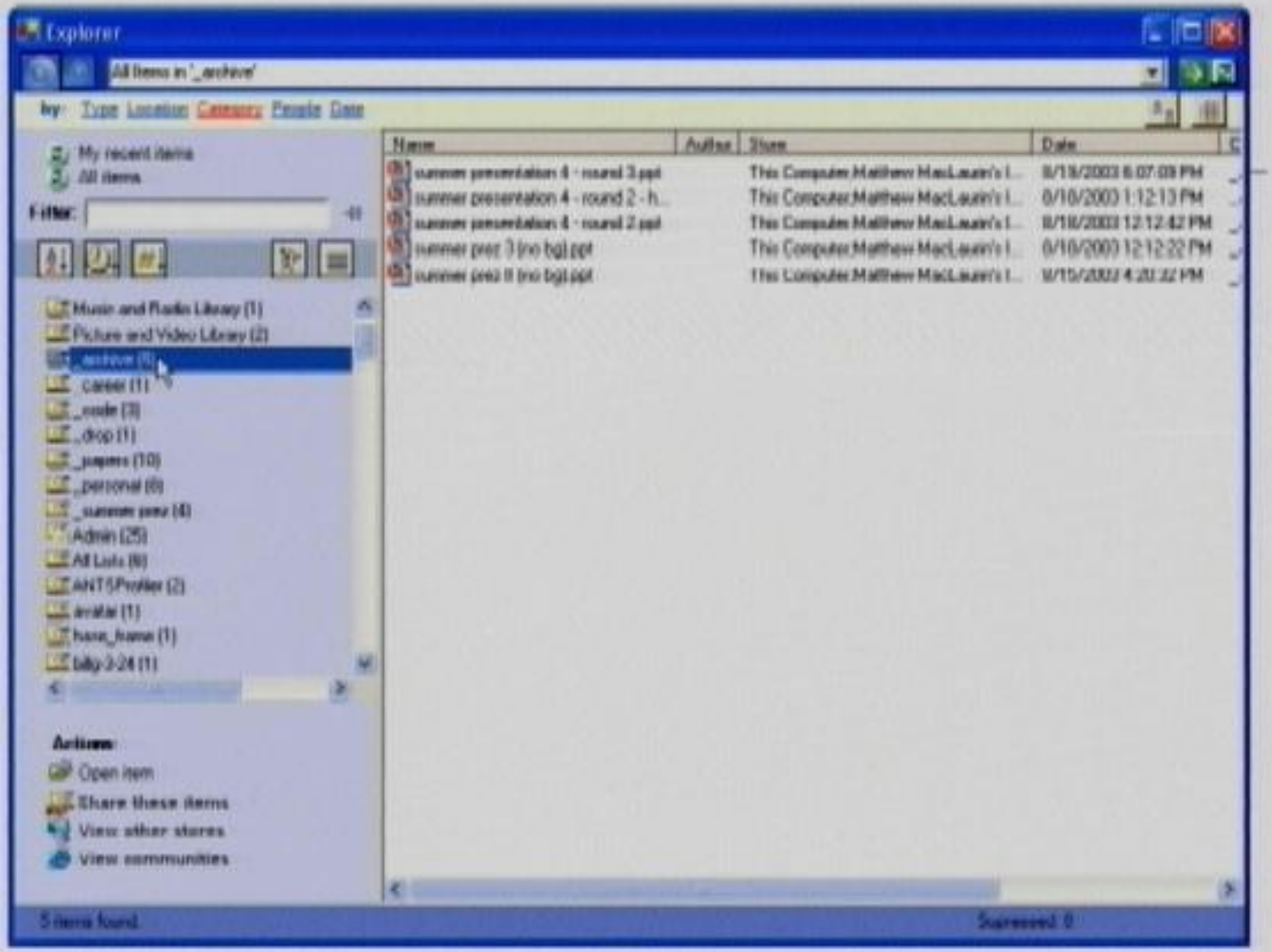


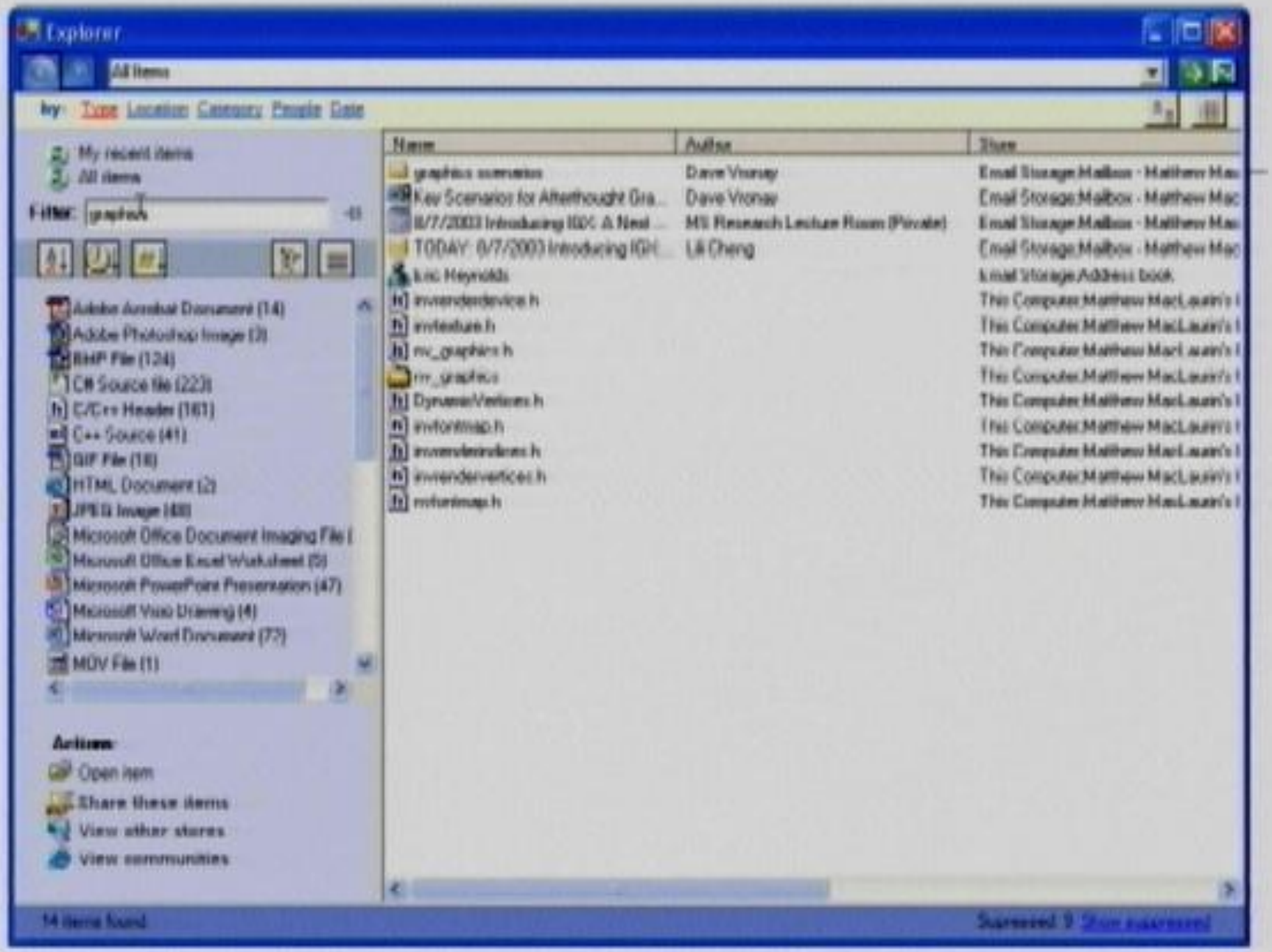
Demo

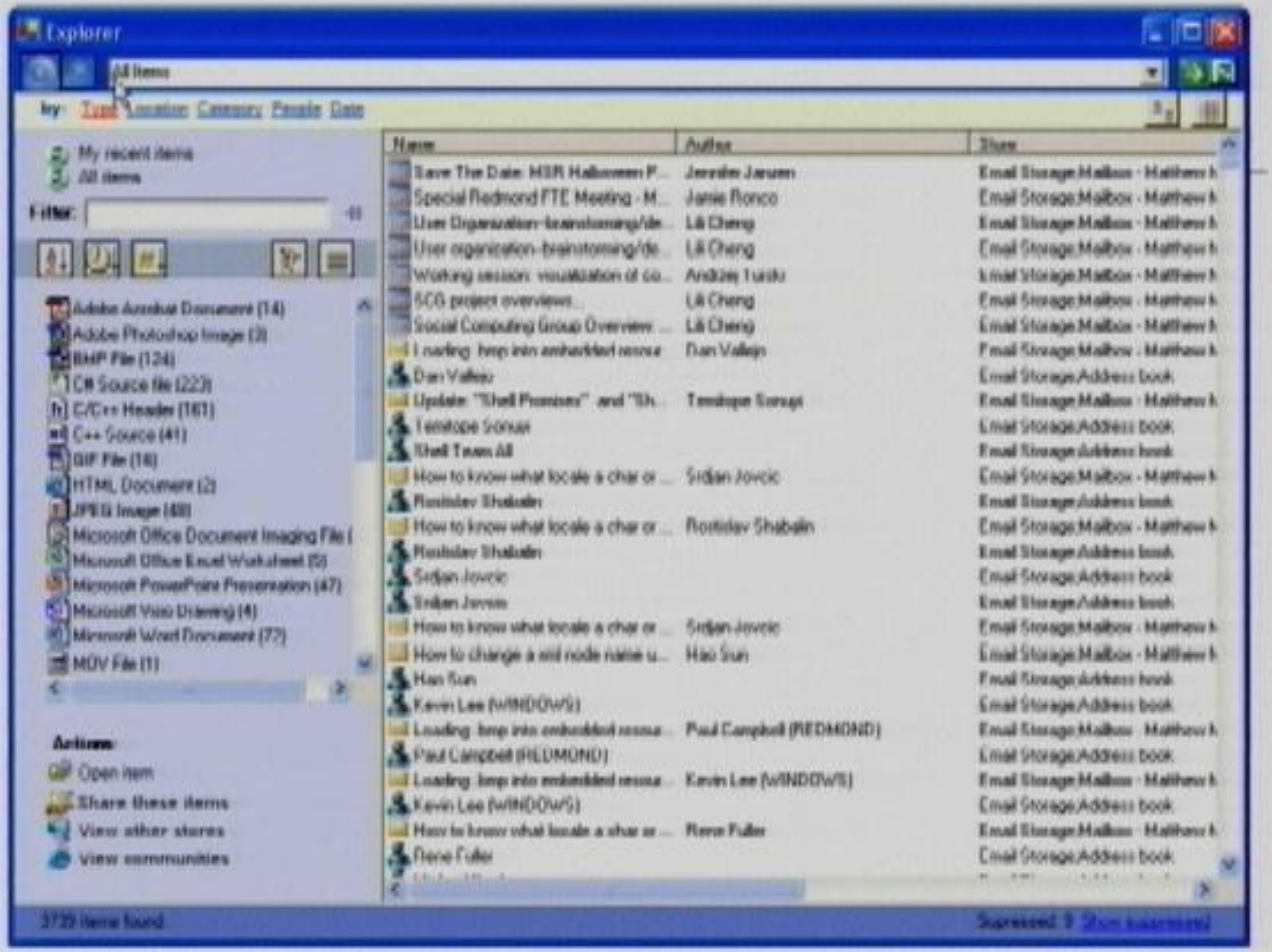


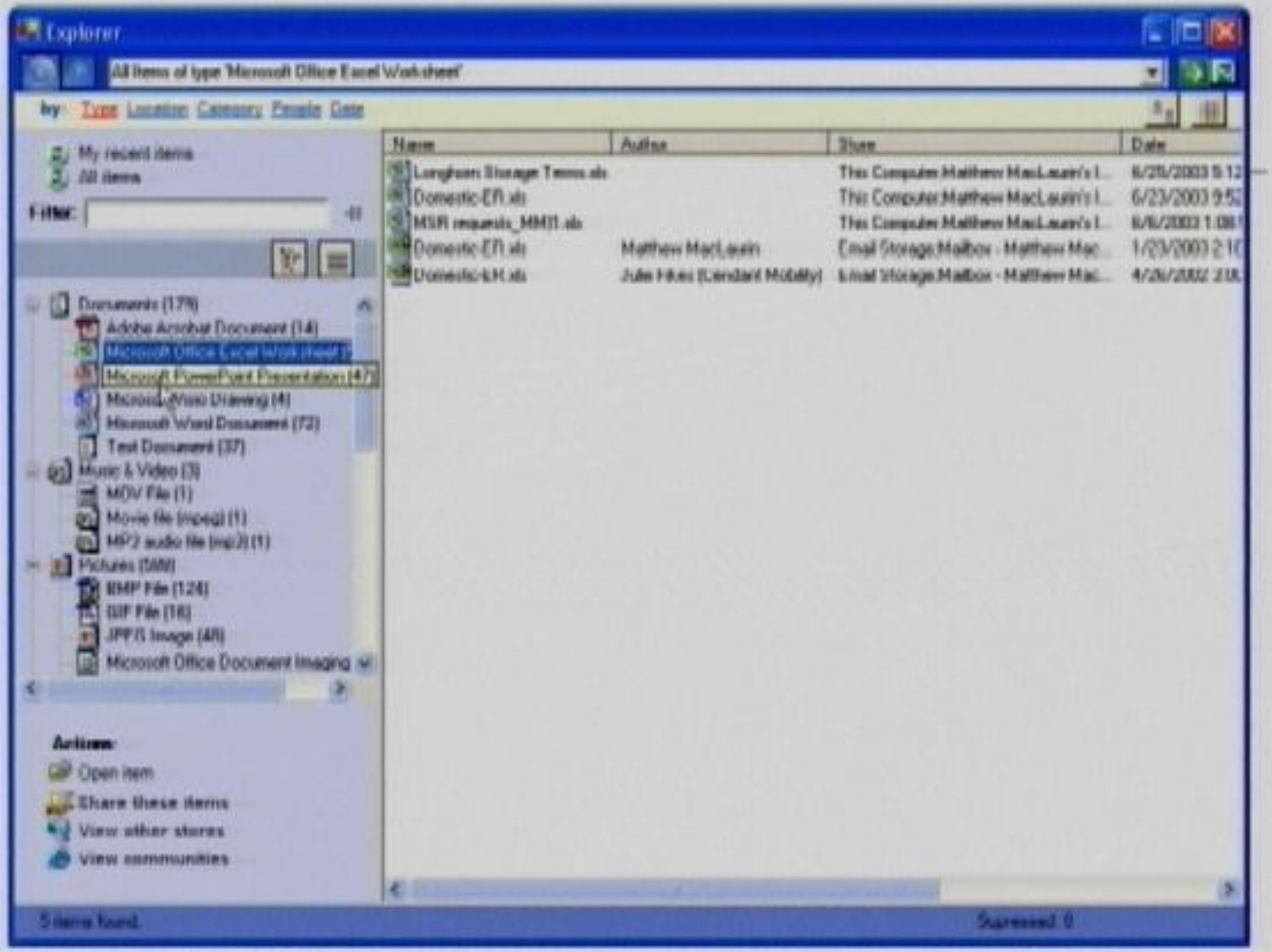

Explorer
All Items
by: Type Location Category People Date
My recent items
All items
Filter:
Desktop (7)
Document Library (54)
Music and Radio Library (1)
Picture and Video Library (2)
_archive (5)
_career (1)
_code (3)
_drop (1)
_papers (10)
_personal (0)
_summer prep (4)
Admin (25)
All Lists (9)
ANTI/Profiler (7)
avalar (1)
Actions
Open item
Share these items
View other stores
View communities
Name
Author
Store

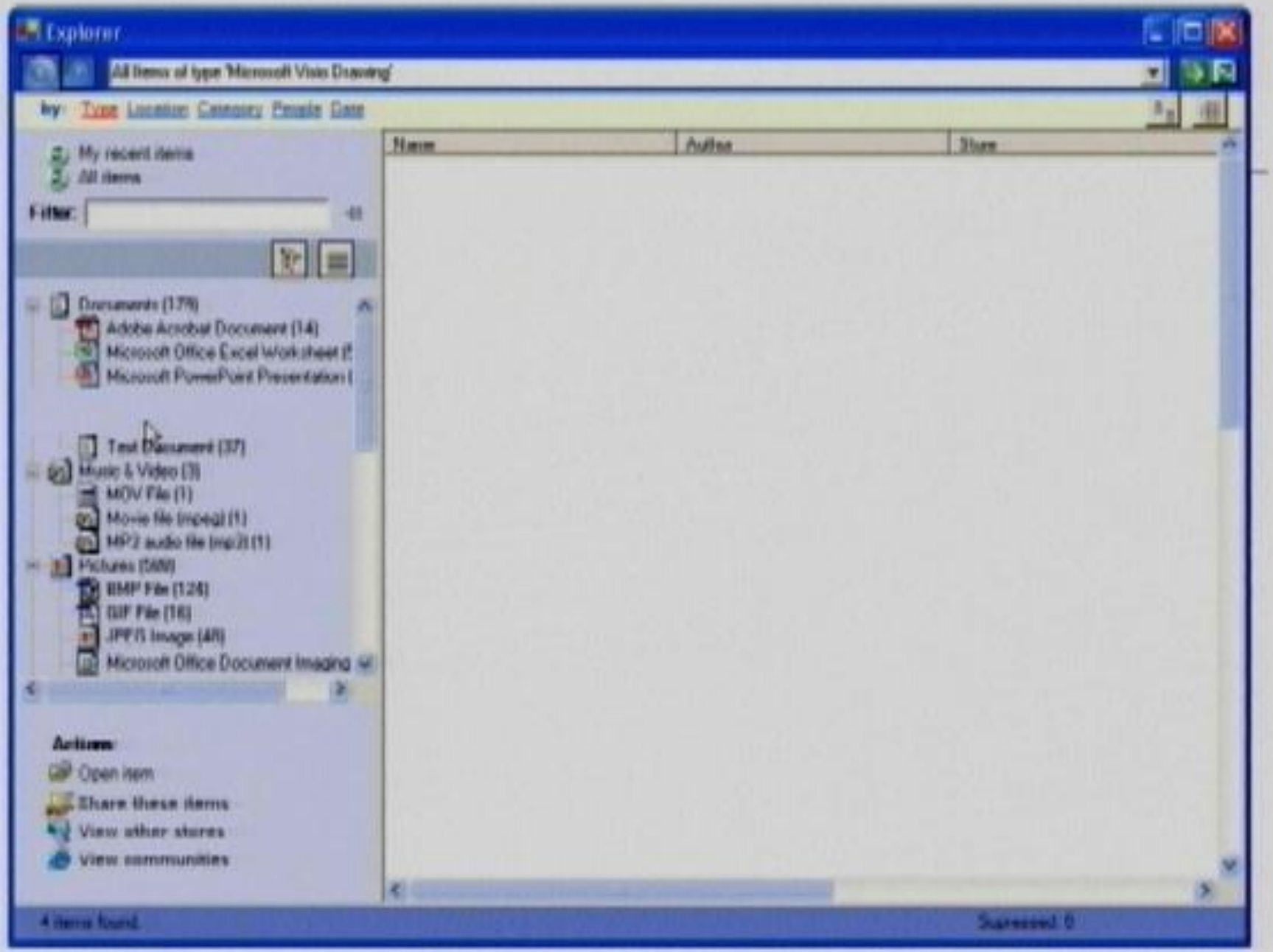

Explorer
All items in '_code'
by: Type Location Category People Date
My recent items
All items
Filter:
Name
Actions
Open item
Share these items
View other stores
View communities

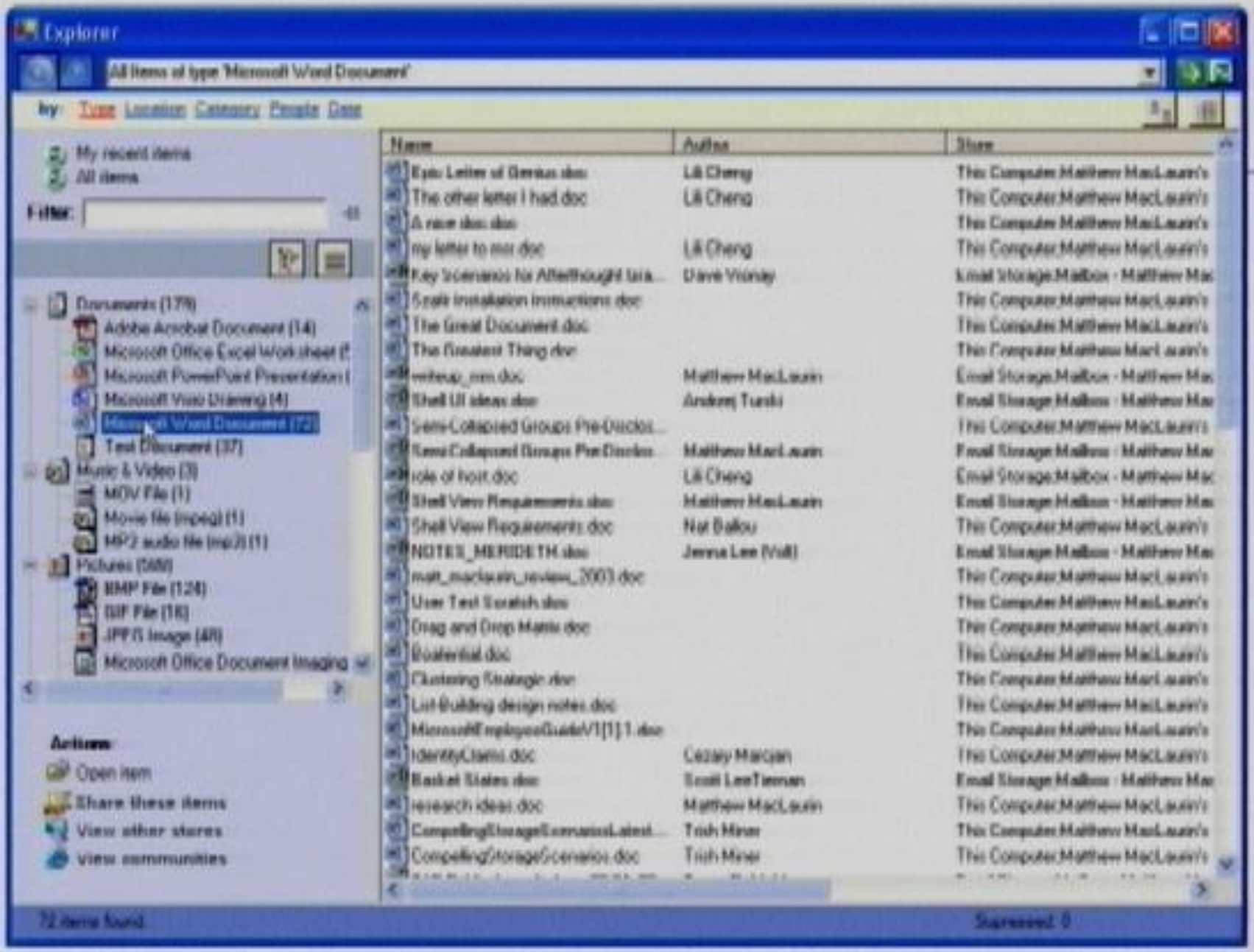

Explorer
All items in '_archive'
by: Type Location Category People Date
My recent items
All items
Filter:
Name
Author
Size
Date
Music and Audio Library (1)
Picture and Video Library (2)
_archive (5)
_career (1)
_code (3)
_drop (1)
_papers (10)
_personal (6)
Admin (25)
All Lists (6)
Actions
Open item
Share these items
View other stores
View communities
5 items found

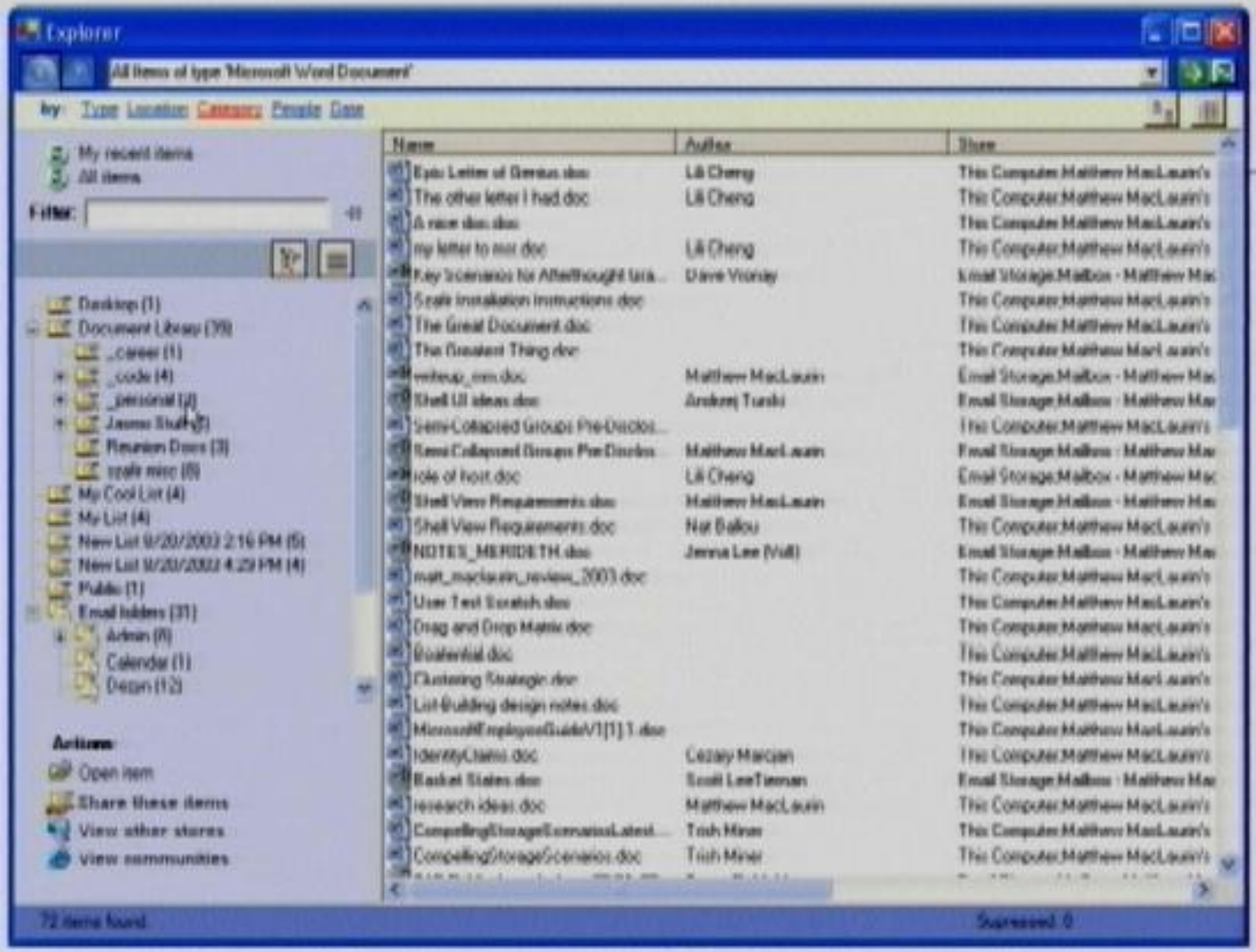

Explorer
All Items
by: Type Location Category People Date
My recent items
All items
Filter:
Name
Author
Store
Dave Vronay
Dave Vronay
MS Research Lecture Room (Private)
Lili Cheng
Eric Heynlds
Actions
Open item
Share these items
View other stores
View communities
14 items found

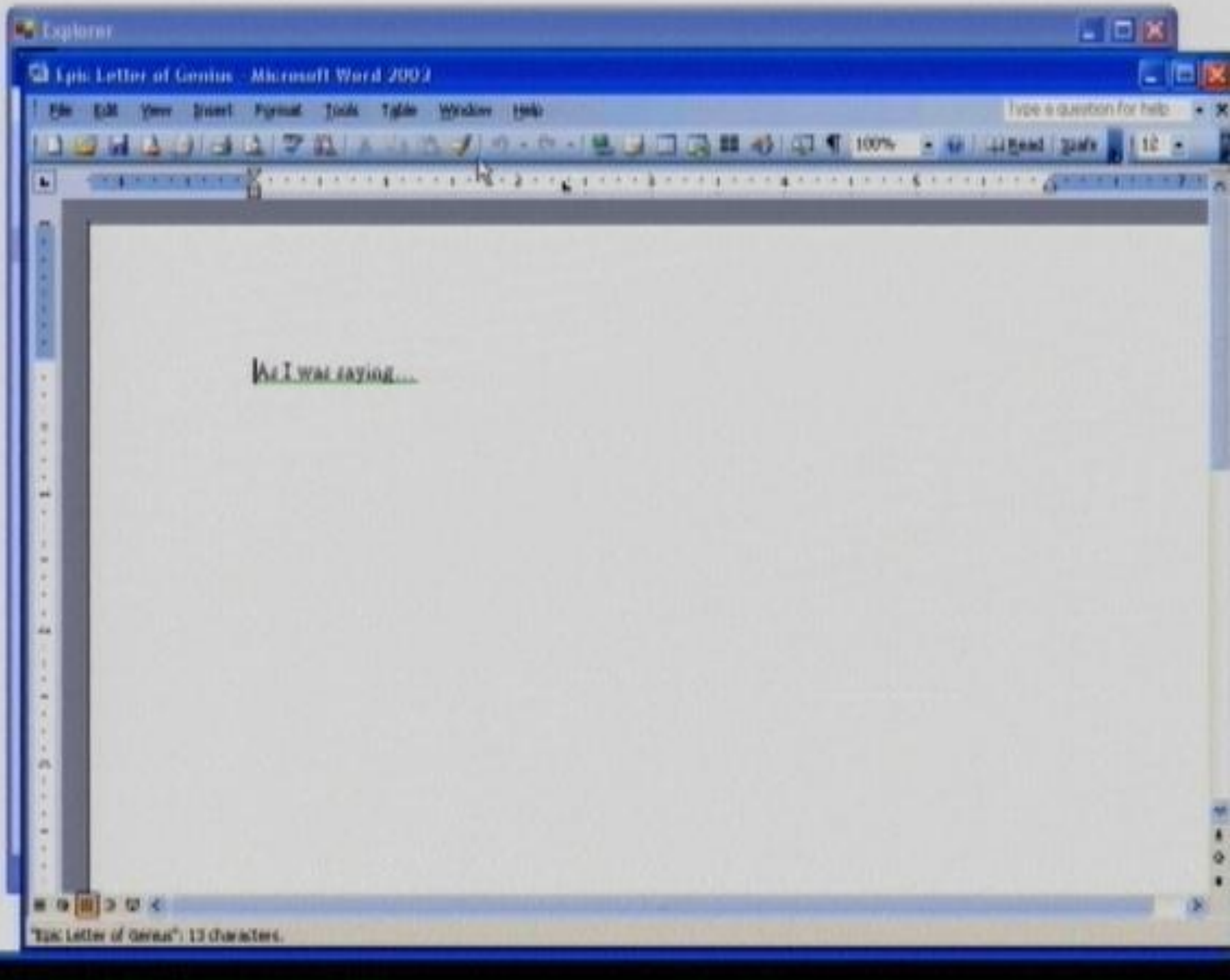

Explorer
All Items
My recent items
All items
Filter:
Name
Author
Store
Actions
Open item
Share these items
View other stores
View communities

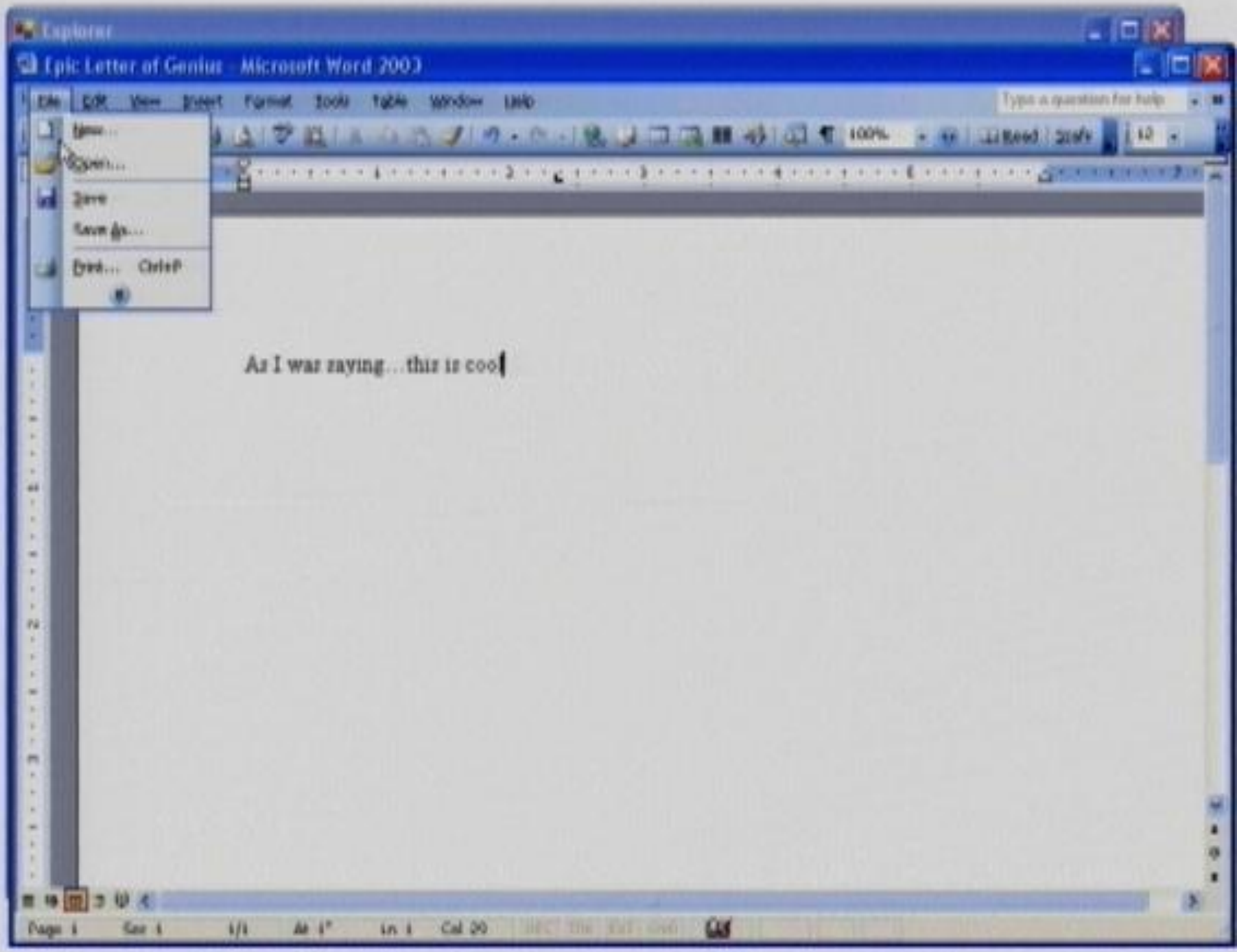

Explorer
All items of type 'Microsoft Office Excel Worksheet'
by: Type Location Category People Date
My recent items
All items
Filter:
Documents (179)
Adobe Acrobat Document (14)
Microsoft Office Excel Worksheet (5)
Microsoft PowerPoint Presentation (47)
Microsoft Visio Drawing (4)
Microsoft Word Document (72)
Text Document (37)
Music & Video (3)
MOV File (1)
Movie file (mpeg) (1)
MP2 audio file (mp3) (1)
Pictures (588)
BMP File (126)
GIF File (16)
JPEG Image (48)
Microsoft Office Document Imaging
Actions
Open item
Share these items
View other stores
View communities
Name
Author
Store
Date
Longhorn Storage Terms.xls
This Computer Matthew MacLaurin's I...
Domestic-EH.xls
This Computer Matthew MacLaurin's I...
MSR requests_MM(1).xls
This Computer Matthew MacLaurin's I...
Domestic-EH.xls
Matthew MacLaurin
Email Storage Mailbox - Matthew Mac...
Domestic-EH.xls
Julie Hines [Lendant Mobility]
Email Storage Mailbox - Matthew Mac...
5 items found
Selected: 0

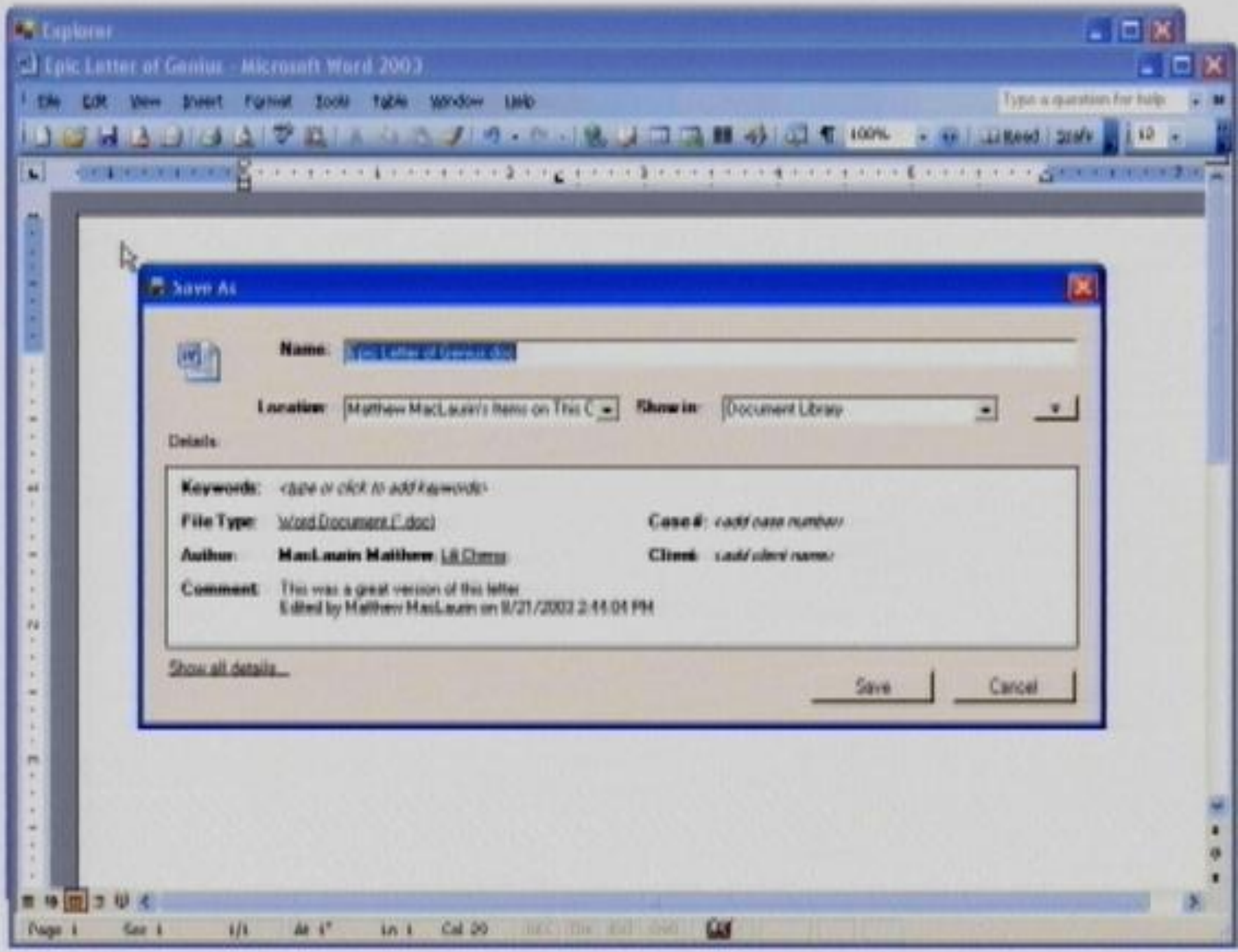

Explorer
All items of type 'Microsoft Visio Drawing'
by: Type Location Category People Date
My recent items
All items
Filter:
Documents (179)
Adobe Acrobat Document (14)
Test Document (37)
Music & Video (3)
MOV File (1)
Picture (569)
BMP File (126)
GIF File (16)
JPEG Image (48)
Microsoft Office Document Imaging
Actions
Open item
View other stores
View communities
Name
Author
Size
4 items found
Selected: 0

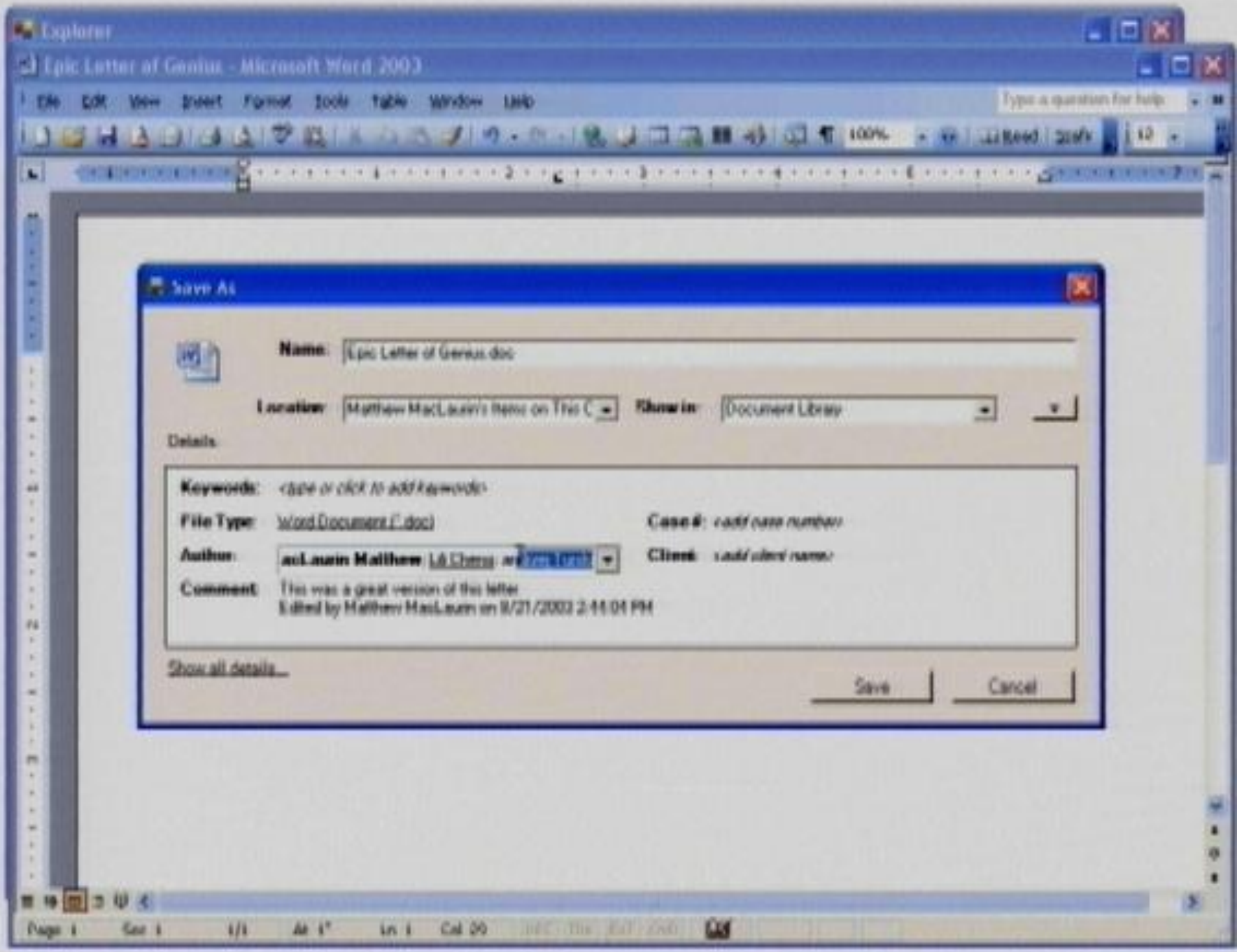

Explorer
All items of type 'Microsoft Word Document'
by: Type Location Category People Date
My recent items
All items
Filter:
Documents (179)
Adobe Acrobat Document (14)
Microsoft Office Excel Worksheet (
Microsoft PowerPoint Presentation (
Microsoft Visio Drawing (4)
Microsoft Word Document (72)
Text Document (37)
Music & Video (3)
MOV File (1)
Movie file (mpeg) (1)
MP2 audio file (mp2) (1)
Pictures (568)
BMP File (124)
GIF File (16)
JPEG Image (48)
Microsoft Office Document Imaging
Actions
Open item
Share these items
View other stores
View communities
Name
Author
Store
Lê Cheng
Lê Cheng
Matthew MacLaurin
Andrzej Turski
Lê Cheng
Matthew MacLaurin
Lê Cheng
Matthew MacLaurin
Nat Ballou
Jenna Lee (Vull)
Cezary Marcjan
Scott LeeTiernan
Matthew MacLaurin
Trish Miner
Trish Miner


Explorer
All items of type 'Microsoft Word Document'
by: Type Location Category People Date
My recent items
All items
Filter:
Desktop (1)
Document Library (39)
_career (1)
_code (4)
_personal (2)
Reunion Docs (3)
triple misc (6)
My Cool List (4)
My List (4)
Public (1)
Email folders (31)
Admin (6)
Calendar (1)
Design (12)
Actions
Open item
Share these items
View other stores
View communities
Name
Author
Store
Lê Cheng
Lê Cheng
Lê Cheng
Dave Vronay
Matthew MacLaurin
Andrzej Turski
Matthew MacLaurin
Lê Cheng
Matthew MacLaurin
Nat Ballou
Jenna Lee (Vull)
Cezary Marcjan
Scott LeeTiernan
Matthew MacLaurin
Trish Miner
Trish Miner


Explorer
Epic Letter of Genius - Microsoft Word 2003
File Edit View Insert Format Tools Table Window Help
Type a question for help
100%
As I was saying....
"Epic Letter of Genius": 13 characters.


Explorer
Epic Letter of Genius - Microsoft Word 2003
As I was saying...this is cool


Explorer
Epic Letter of Genius - Microsoft Word 2003
Save As
Name:
Location:
Save in:
Document Library
Details
Keywords:
File Type:
Word Document (*.doc)
Case #:
Author:
MacLaurin Matthew
Client:
Comment:
This was a great version of this letter
Edited by Matthew MacLaurin on 9/21/2003 2:44:04 PM
Show all details
Save
Cancel


Explorer
Epic Letter of Genius - Microsoft Word 2003
Save As
Name:
Epic Letter of Genius.doc
Save in:
Document Library
Details
Keywords:
File Type:
Word Document (*.doc)
Case #:
Author:
Client:
Comment:
This was a great version of the letter
Edited by Matthew MacLaurin on 8/21/2003 2:44:04 PM
Show all details
Save
Cancel

Study 1 Results

- 8 intermediate internals (Melissa/Patrick)
- Real data; Sapphire on XP

- Good news for finding
  - **Finding is great. All find tasks solved quickly.**
    - 8/8 use Type and word wheel
    - 4/7 ask to keep the prototype
    - 7/7 asked prefer to XP explorer
  - **No significant "folder concern" for *finding*.**
  - **6/7 People prefer hierarchy**

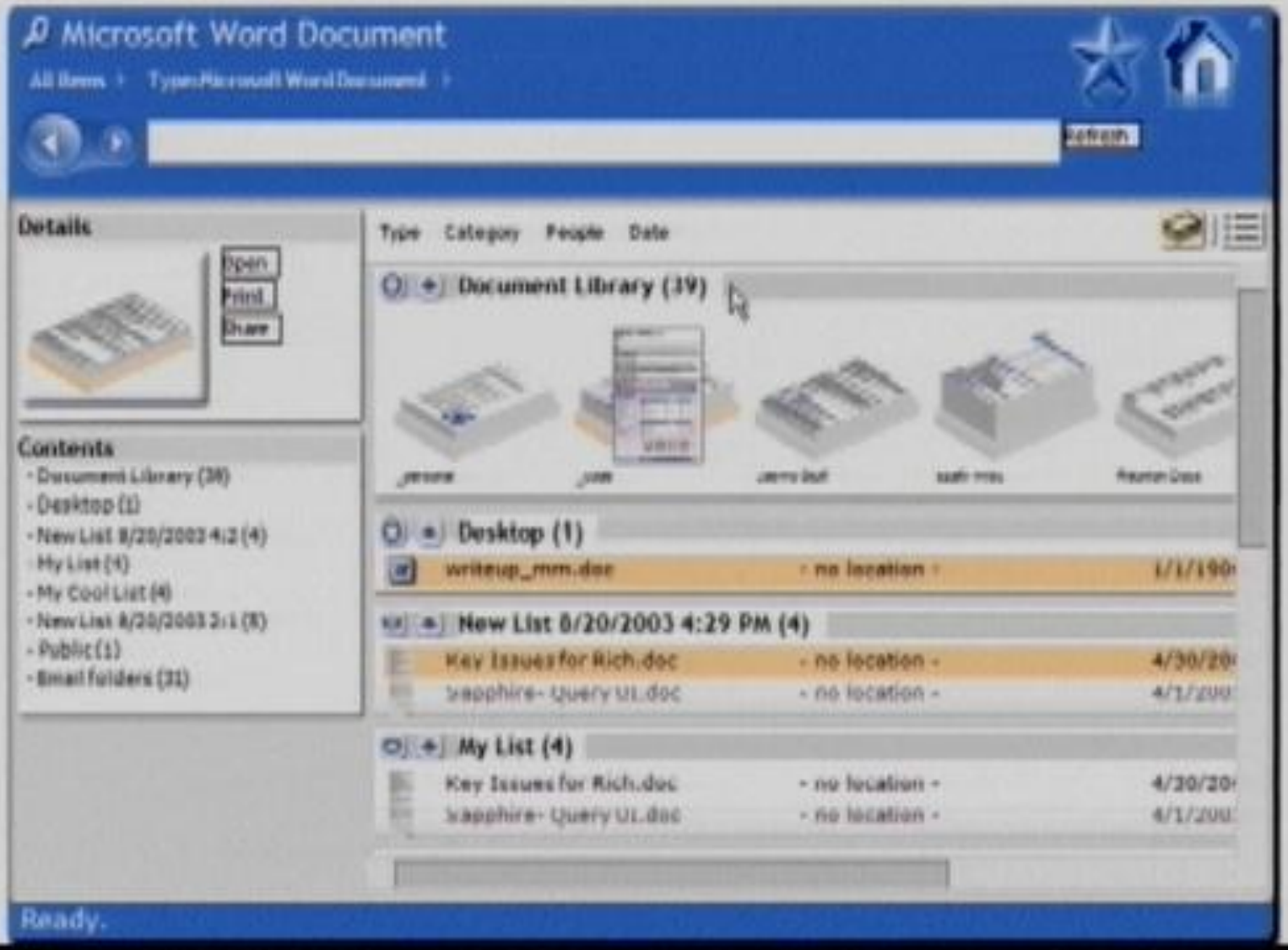
- Issues with saving
  - **People want familiarity.**
    - 6/7 want folders in save as
    - **...Even though they didn't use them for retrieval!**

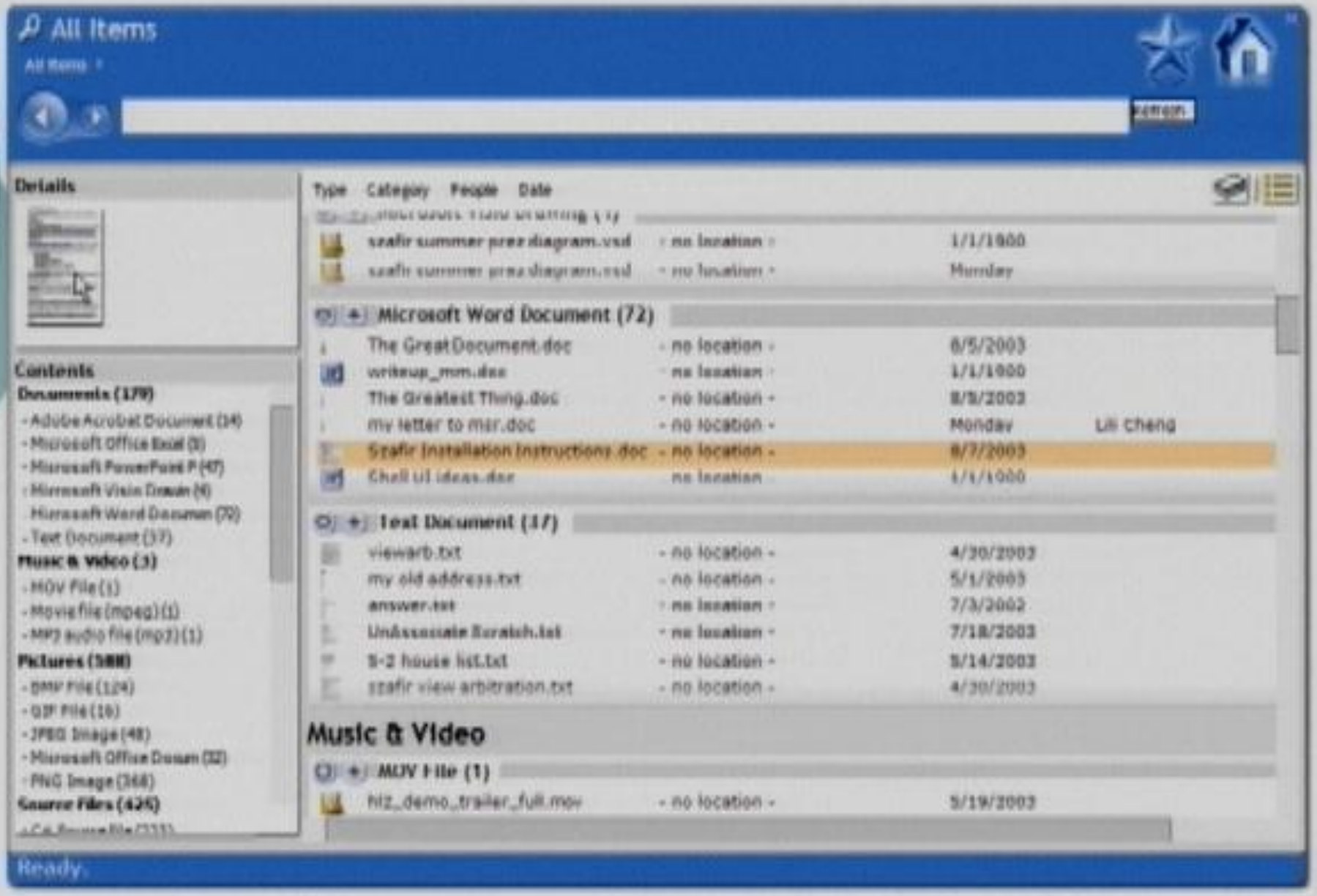
- Users want to author sets
  - **Integrate Authored and Automatic sets**
  - **Want simple, consistent concepts**

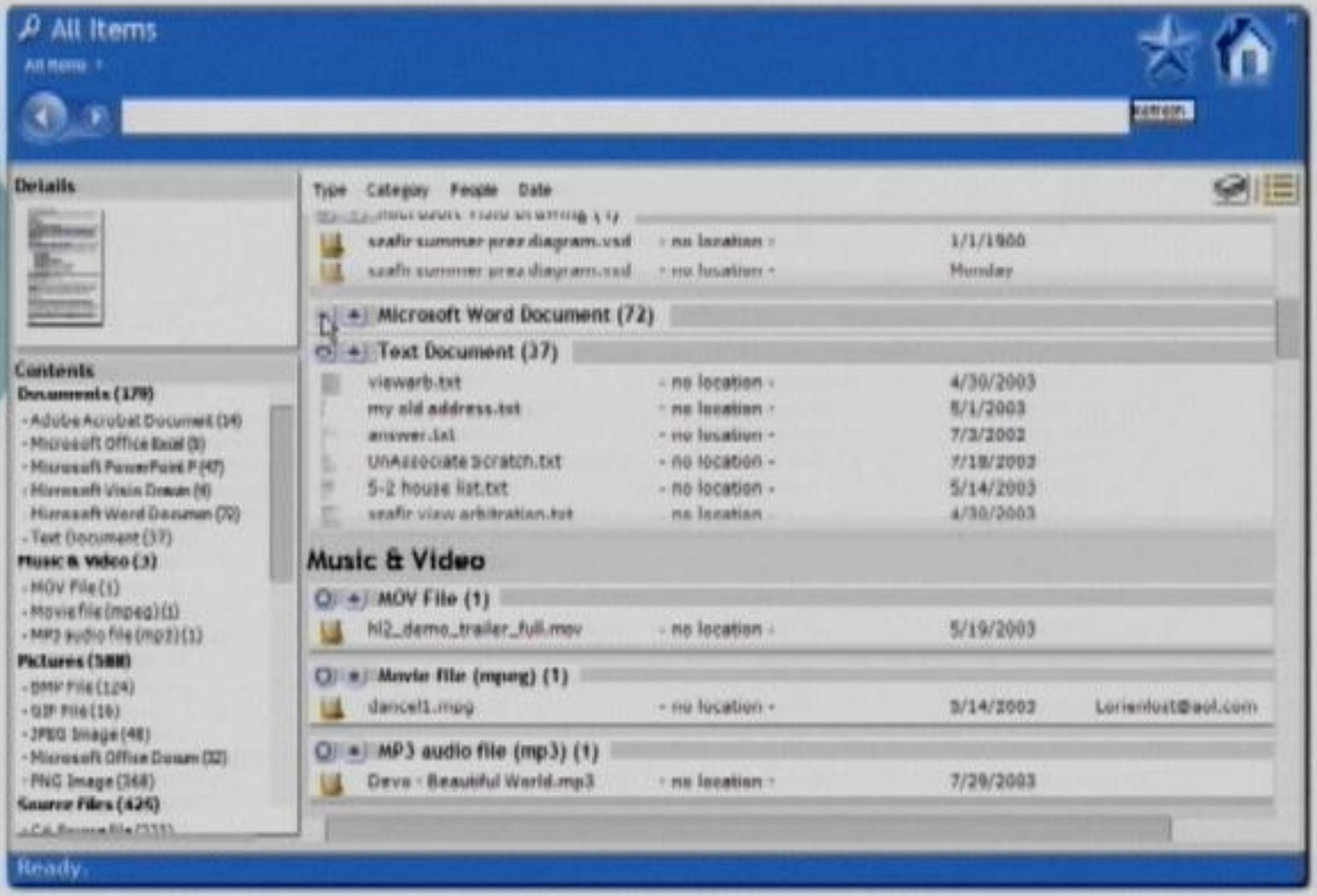
Study 2: Groups & Authored Lists

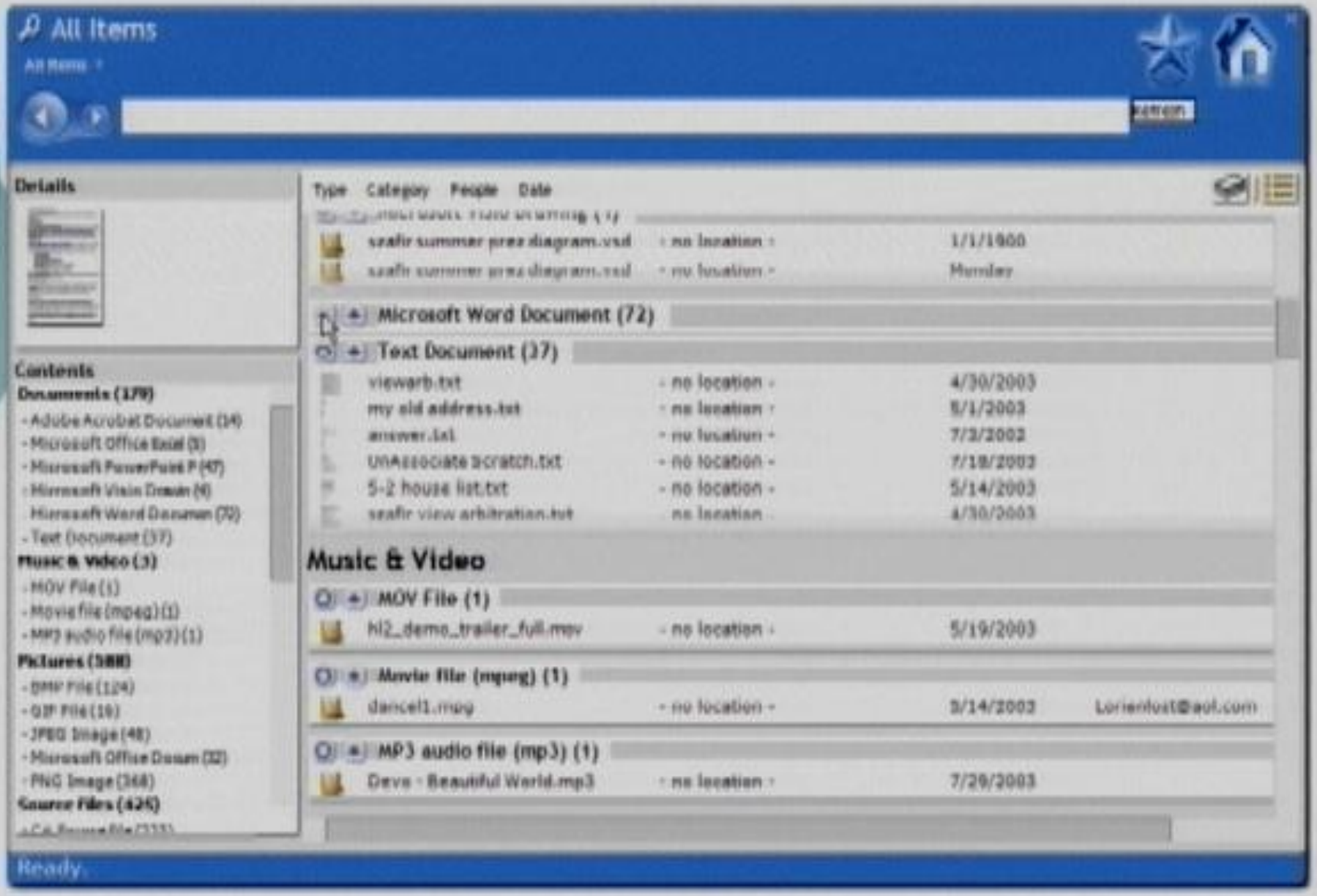
- Integrate authored & automatic sets
- Users want to group stuff
- Simple list concept
  - Single-purpose
  - Easily accessible
- Exploratory group UI
  - Stacks
  - Squeezed lists

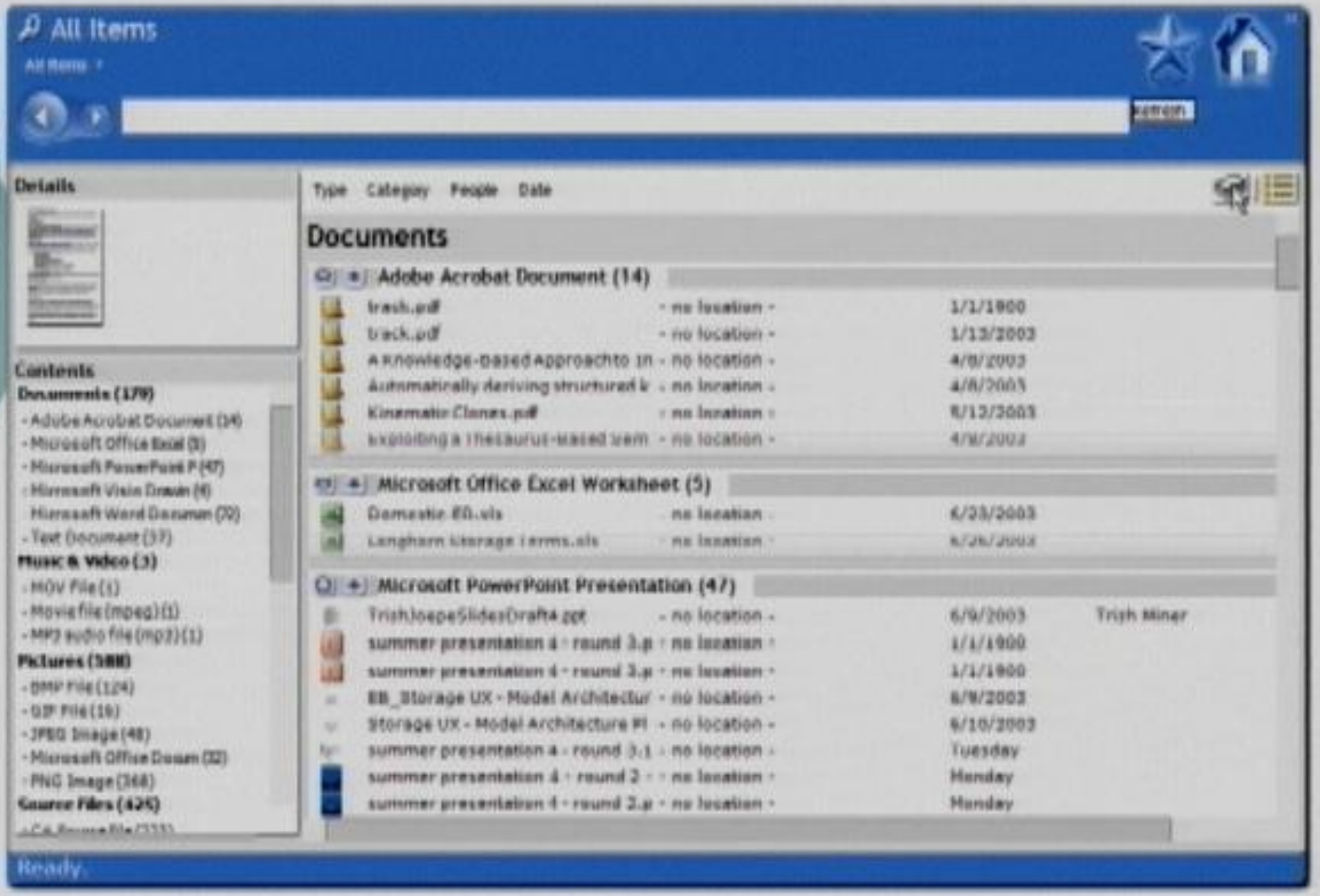
Study 2: Groups & Authored Lists

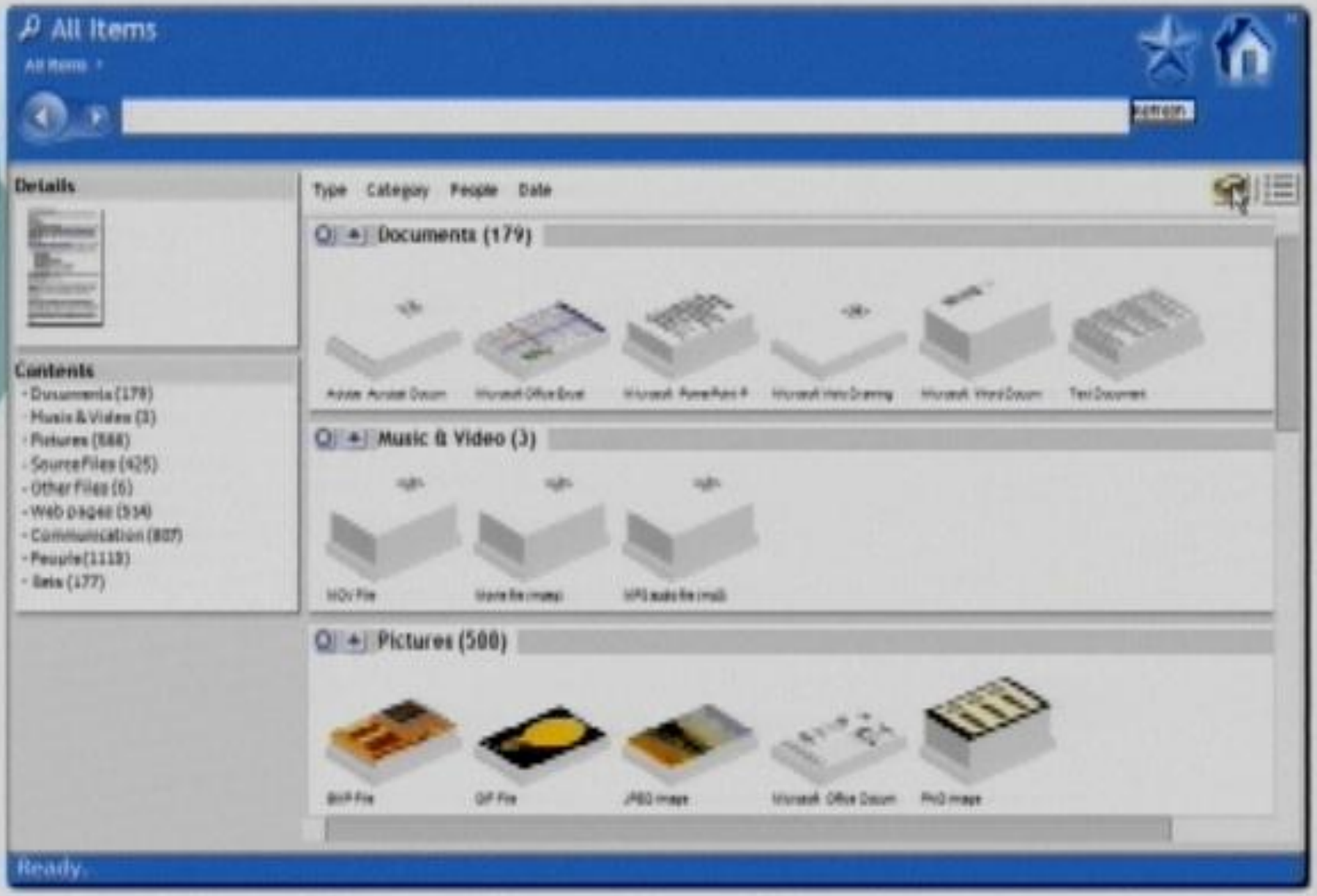


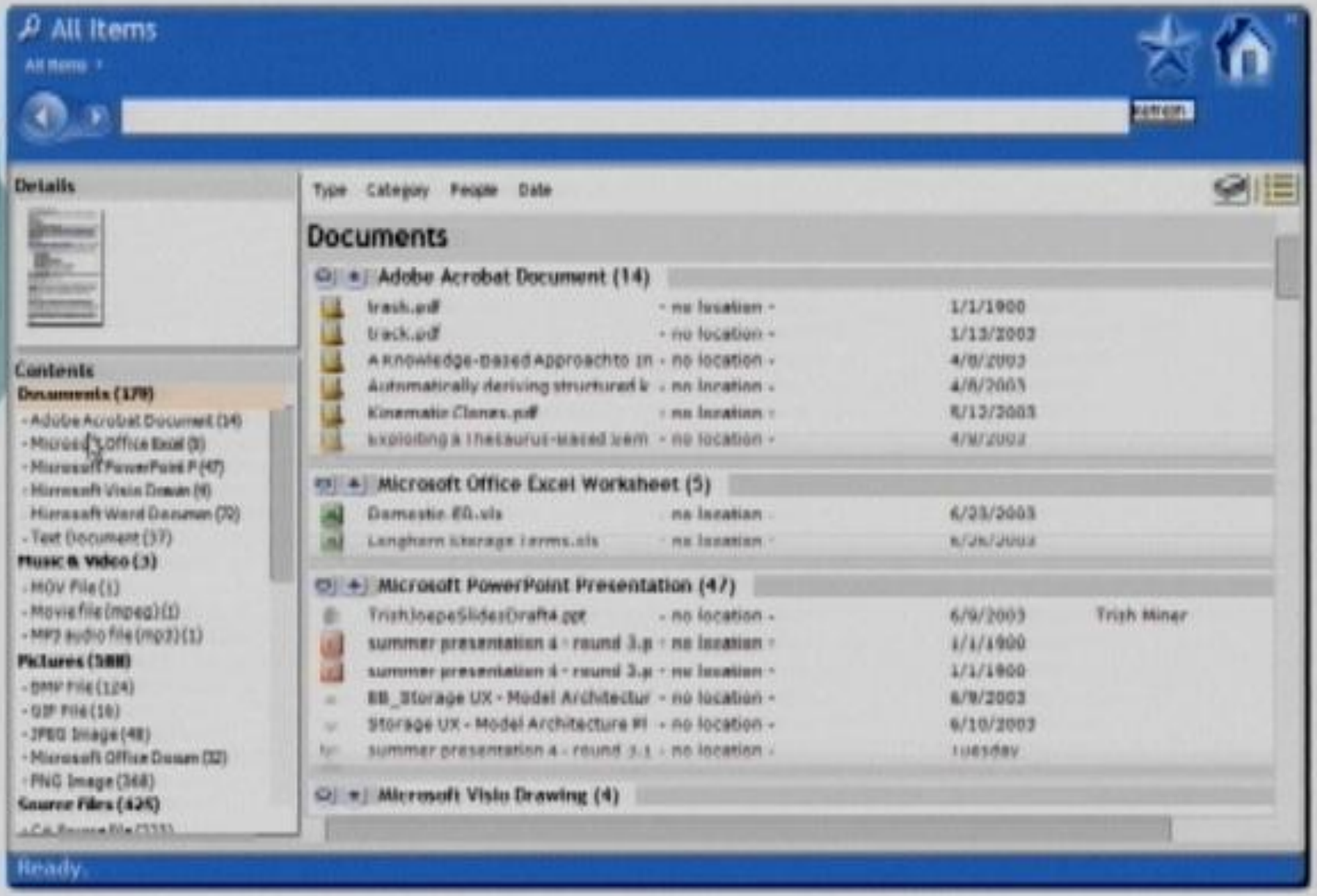

All Items
Details
Contents
Type
Category
People
Date
Microsoft Word Document (72)
The Great Document.doc
writeup_mm.doc
The Greatest Thing.doc
my letter to mer.doc
Szafir Installation Instructions.doc
Text Document (17)
viewarb.txt
my old address.txt
answer.txt
5-2 house list.txt
Music & Video
MOV File (1)
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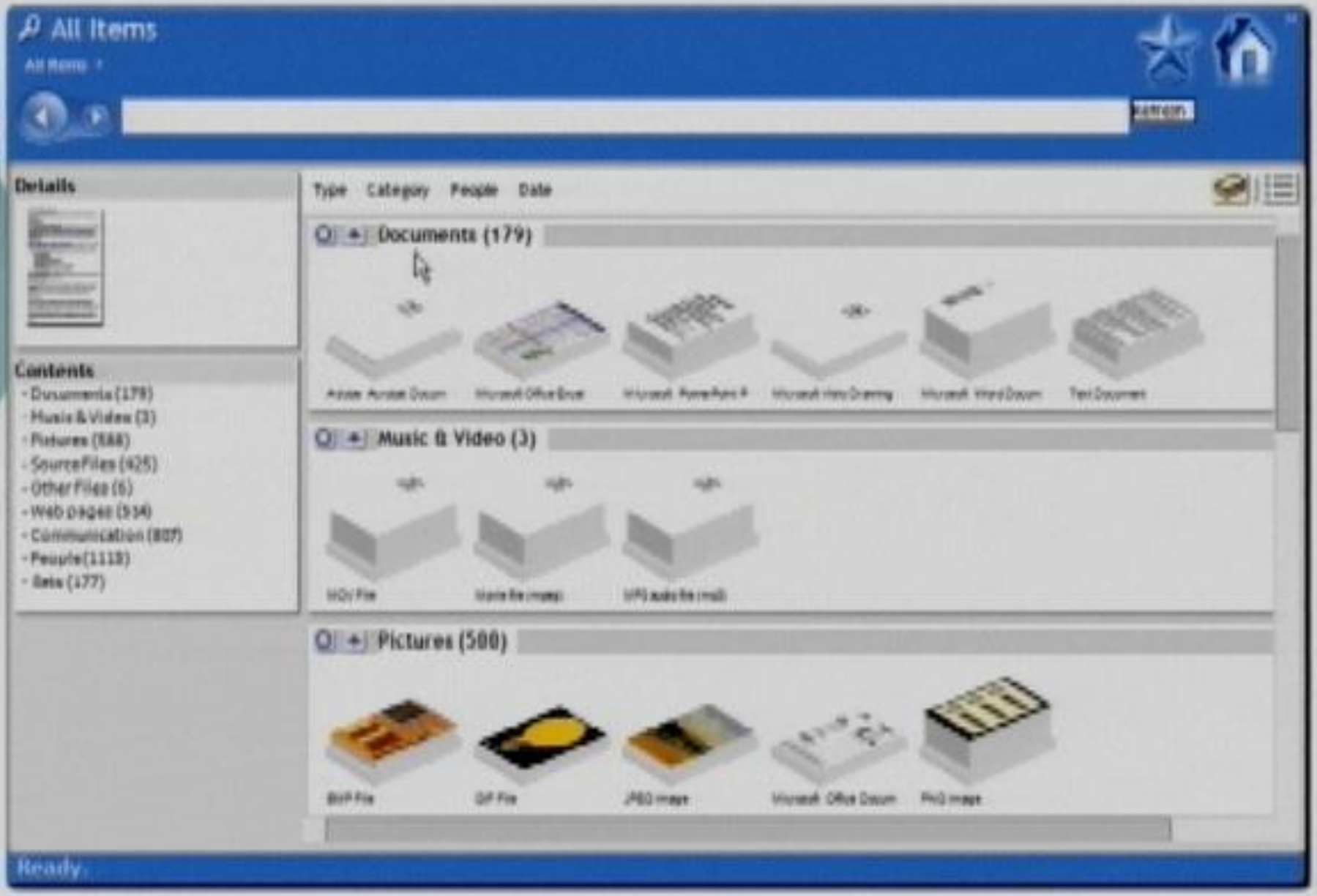

All Items
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Category
People
Date
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my old address.txt
answer.txt
5-2 house list.txt
Music & Video
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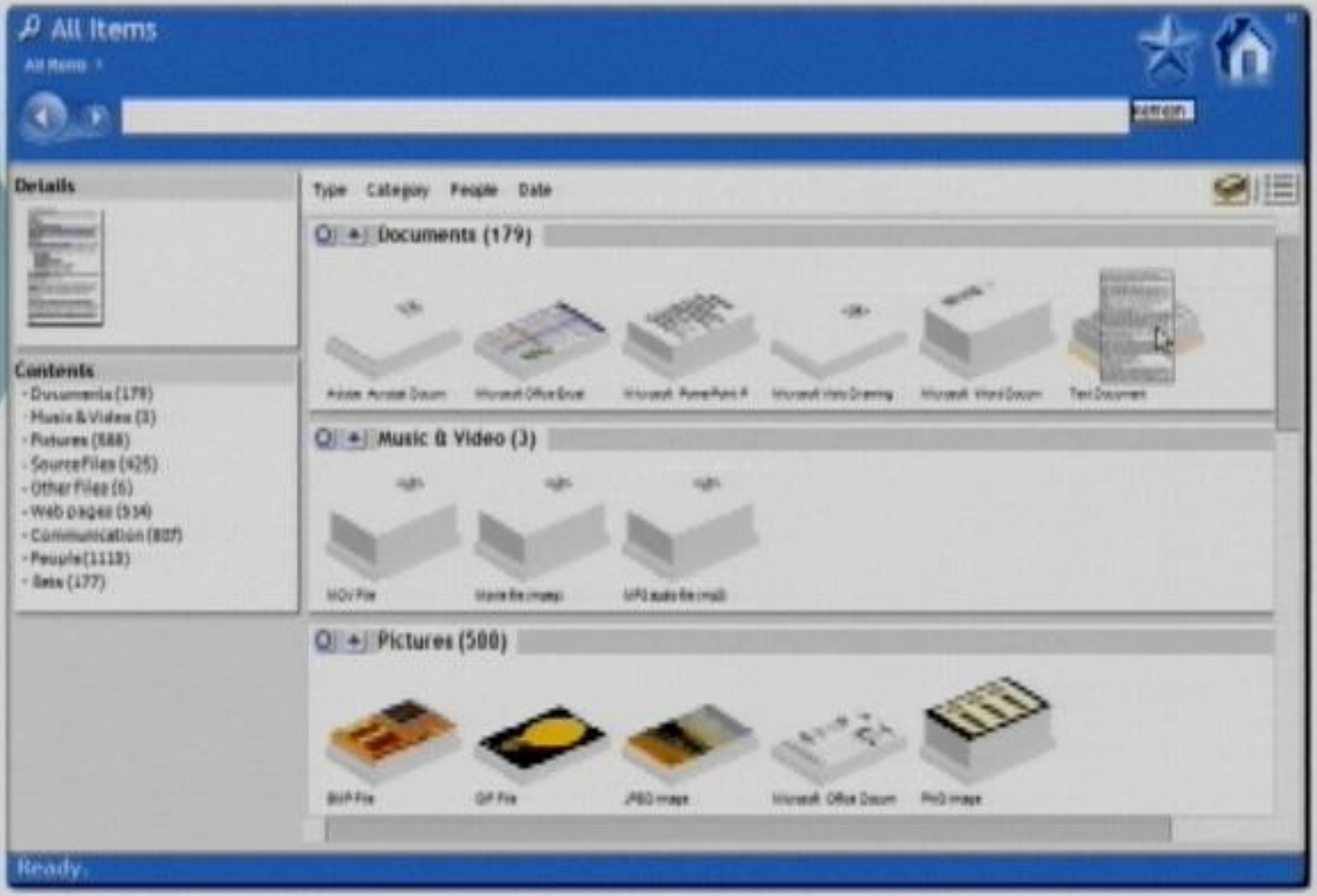

All Items
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Category
People
Date
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Text Document (37)
viewarb.txt
my old address.txt
answer.txt
5-2 house list.txt
Music & Video
MOV File (1)
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Movie file (mpeg) (1)
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MP3 audio file (mp3) (1)
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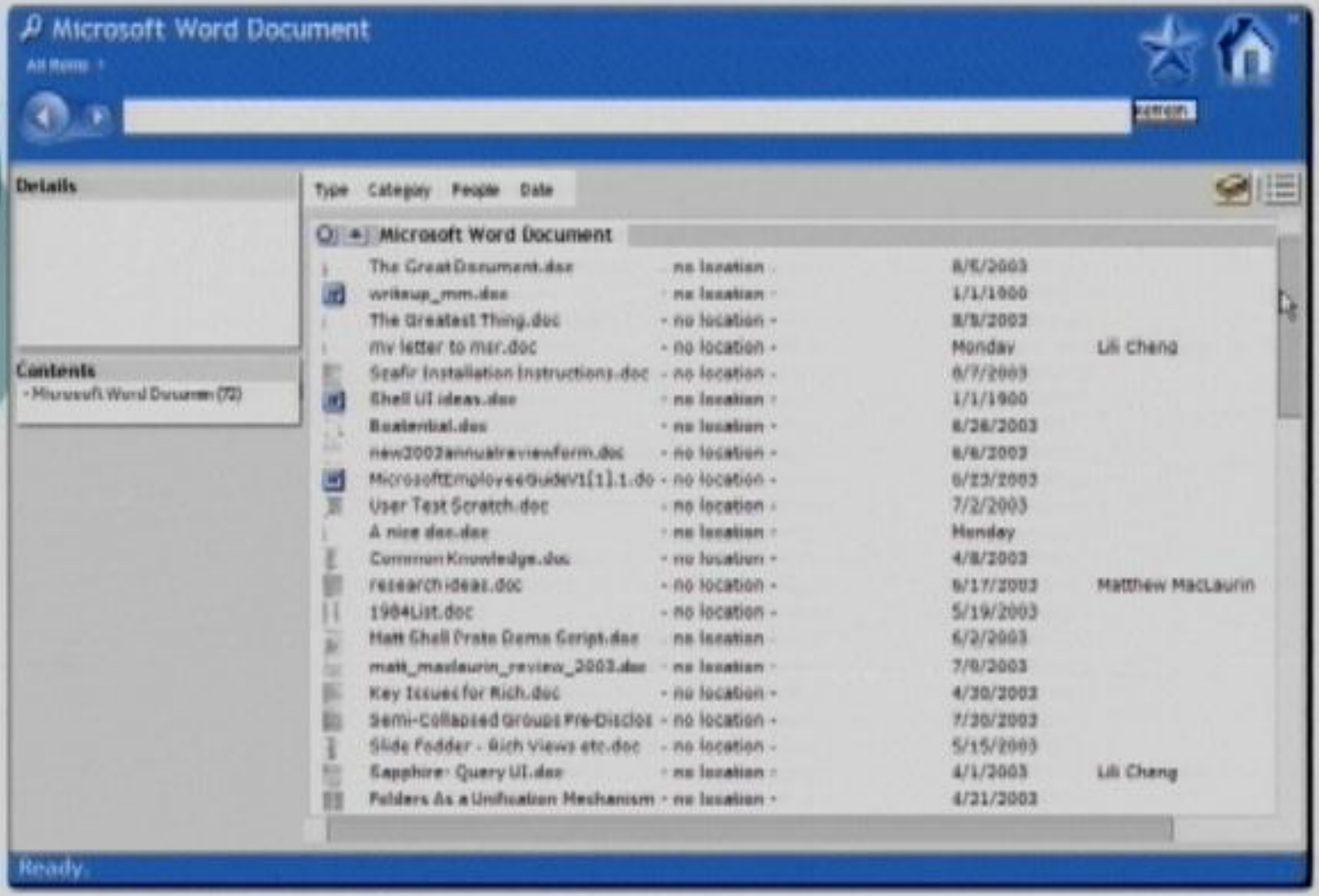

All Items
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Pictures (388)
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Date
Documents
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Microsoft PowerPoint Presentation (47)
Trish Miner
Ready.

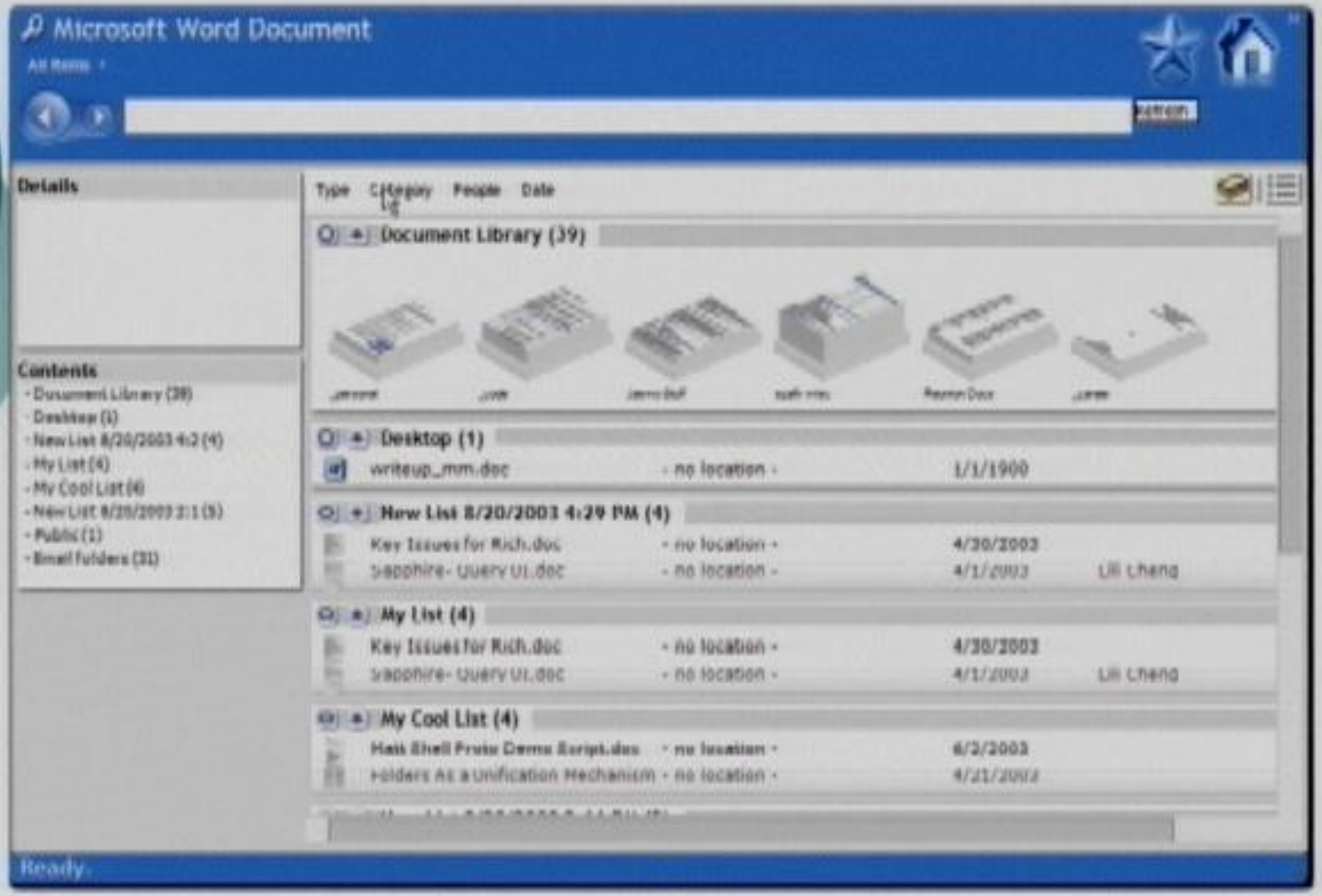

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Date
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Pictures (500)
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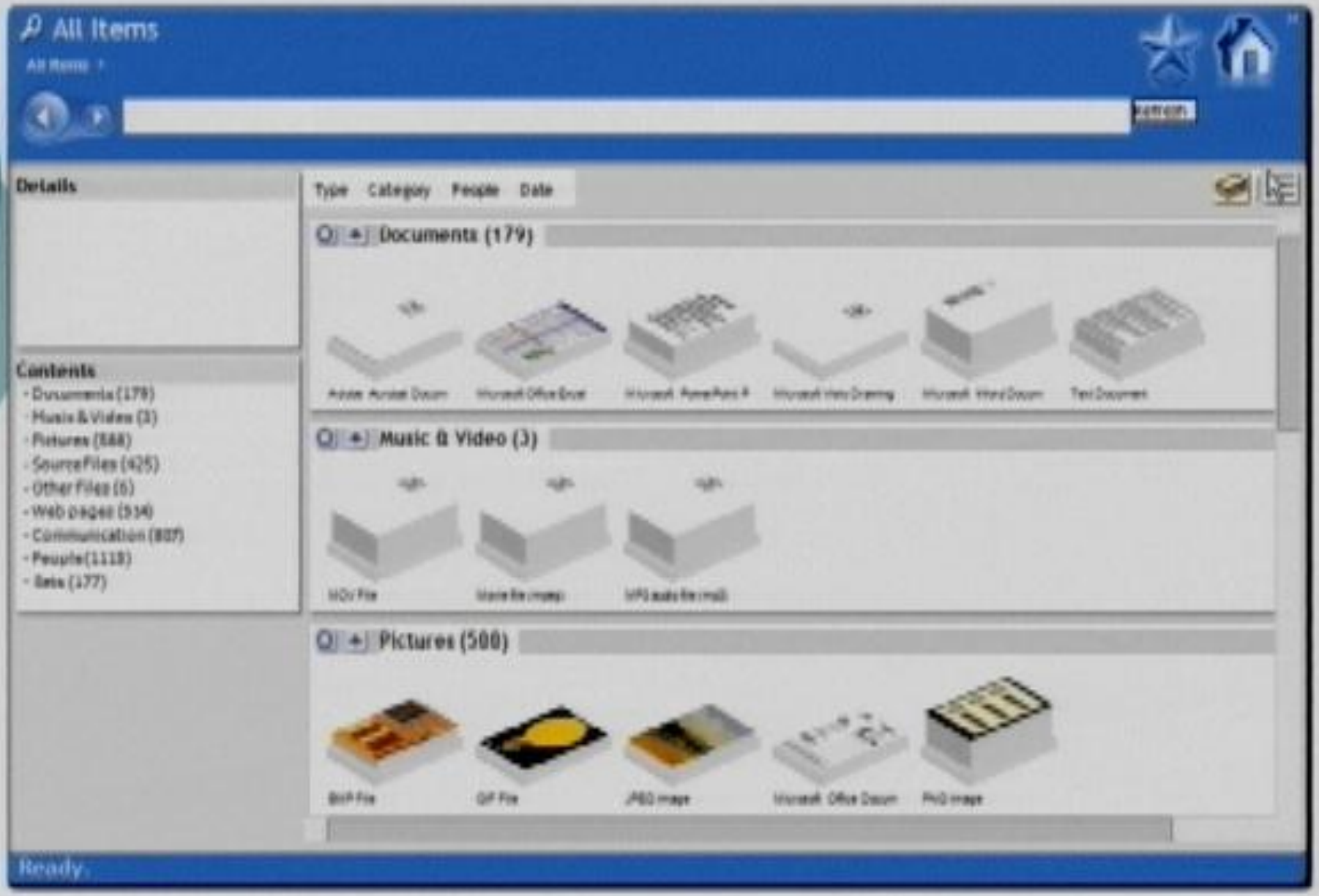

All Items
Details
Contents
Documents (179)
Music & Video (3)
Pictures (388)
Source Files (425)
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Category
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Date
Documents
Adobe Acrobat Document (14)
Microsoft Office Excel Worksheet (5)
Microsoft PowerPoint Presentation (47)
Microsoft Visio Drawing (4)
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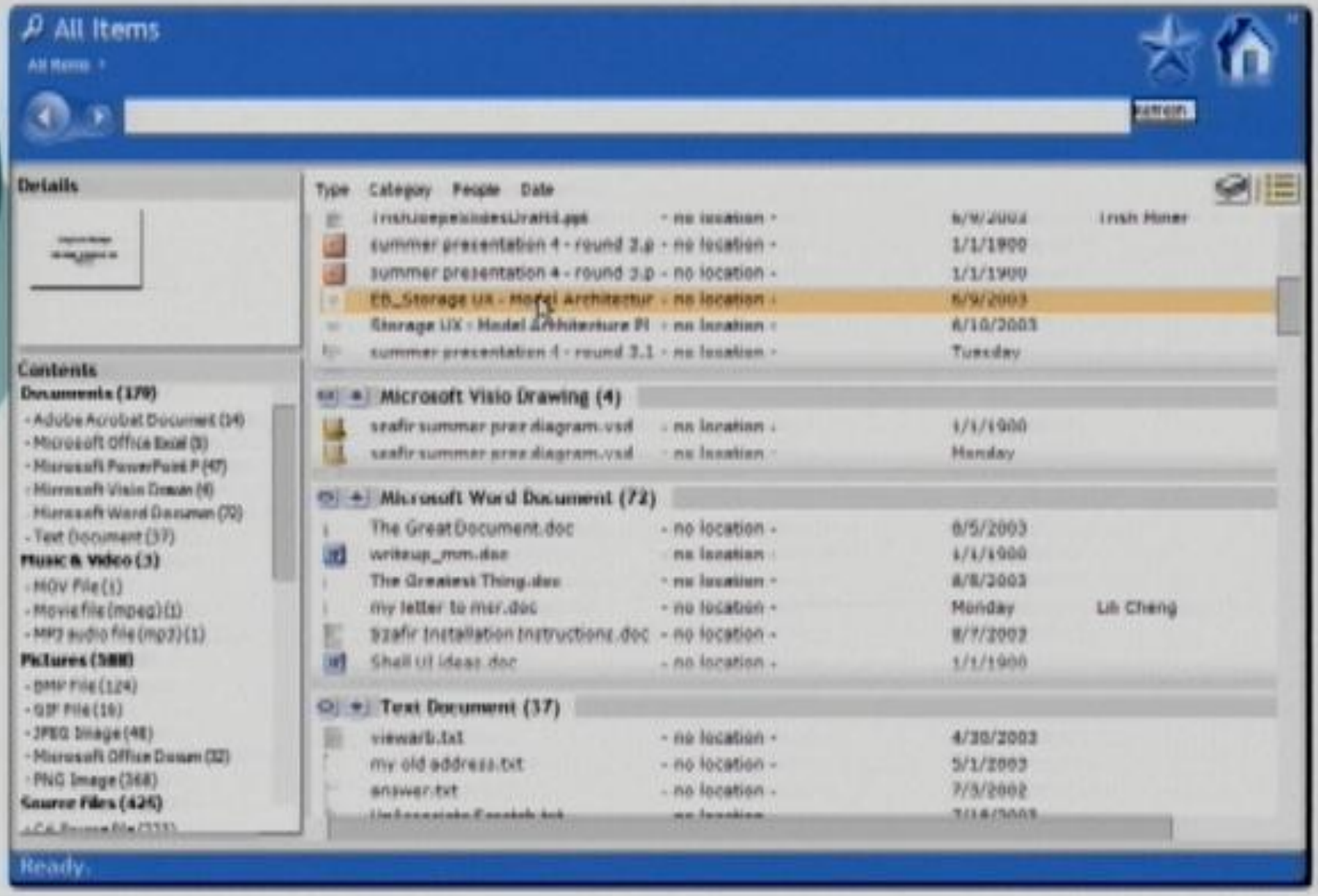

All Items
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Category
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Date
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Pictures (500)
Ready.

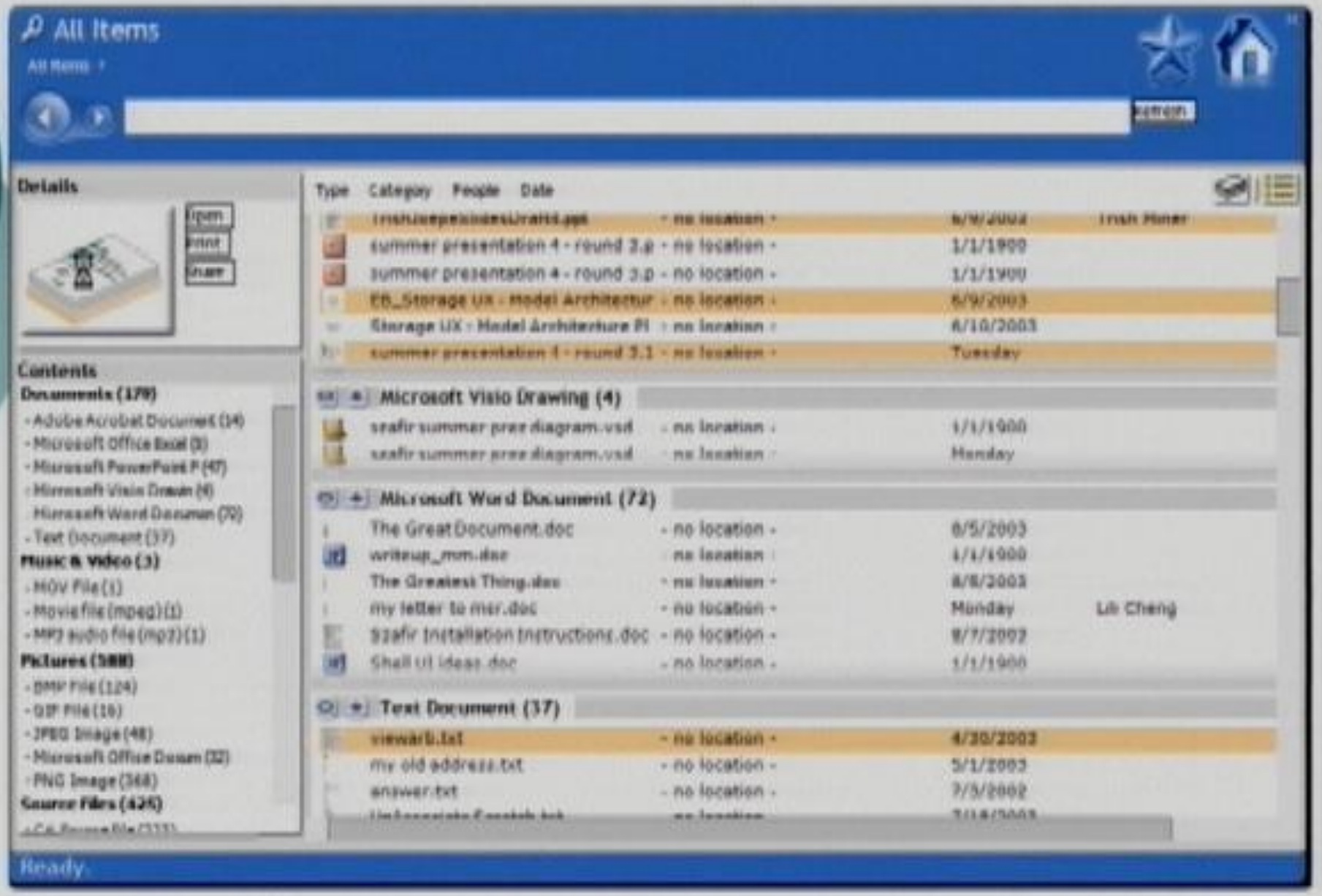

All Items
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Category
People
Date
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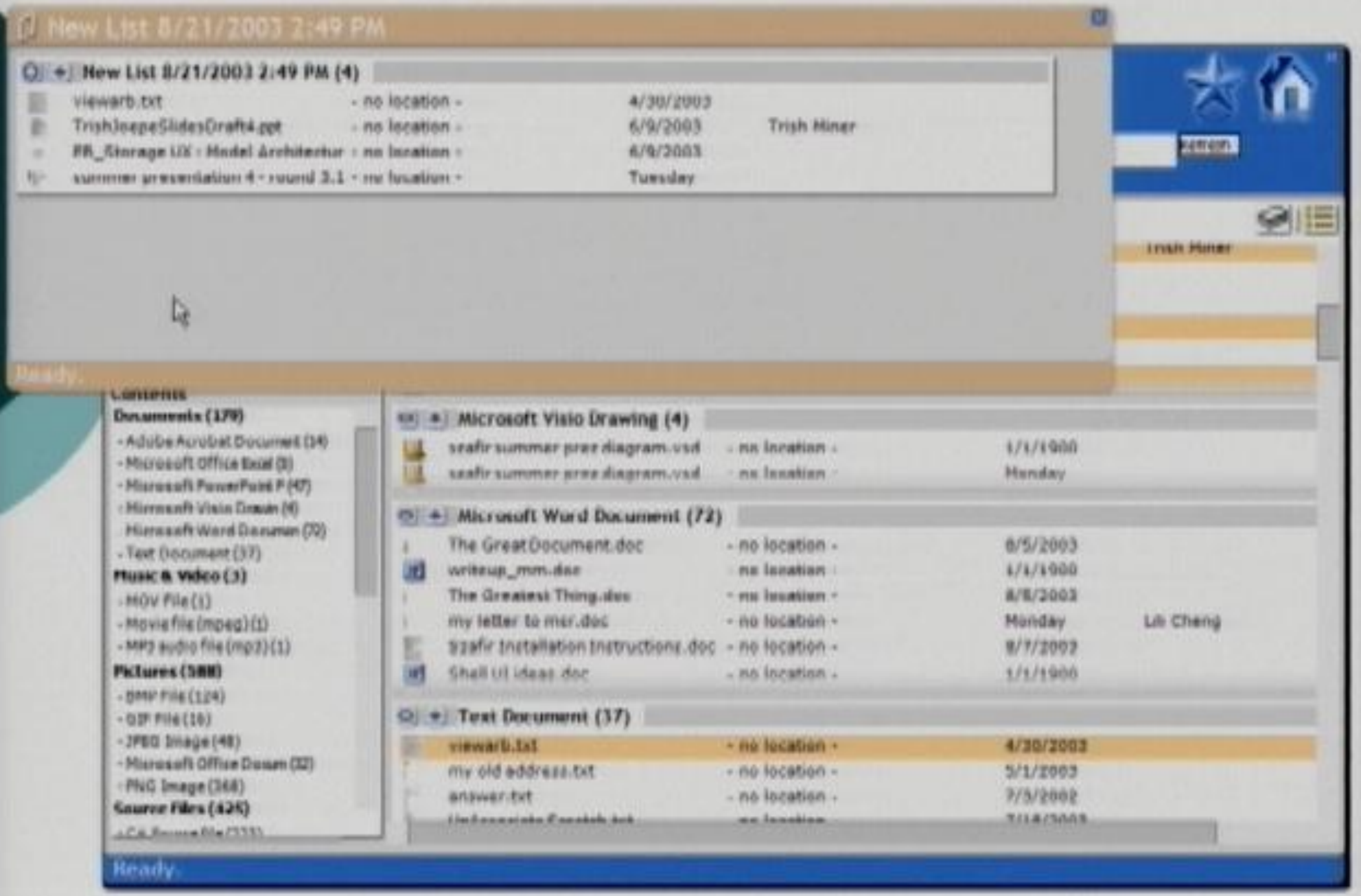

Microsoft Word Document
All Items
Search
Details
Contents
Type
Category
People
Date
Microsoft Word Document
The Great Document.doc
writeup_mm.doc
The Greatest Thing.doc
my letter to mer.doc
Scafir Installation Instructions.doc
Shell UI ideas.doc
Basketball.doc
new2003annualreviewform.doc
MicrosoftEmployeeGuideV1[1].1.do
User Test Scratch.doc
A nice doc.doc
CommonKnowledge.doc
researchideas.doc
1984List.doc
Matt Shell Proto Demo Script.doc
matt_maclaurin_review_2003.doc
Key Issues for Rich.doc
Semi-Collapsed Groups Pre-Disclos
Slide Fodder - Rich Views etc.doc
Sapphire- Query UI.doc
Folders As a Unification Mechanism
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Monday
Lili Cheng
Matthew MacLaurin
Ready.

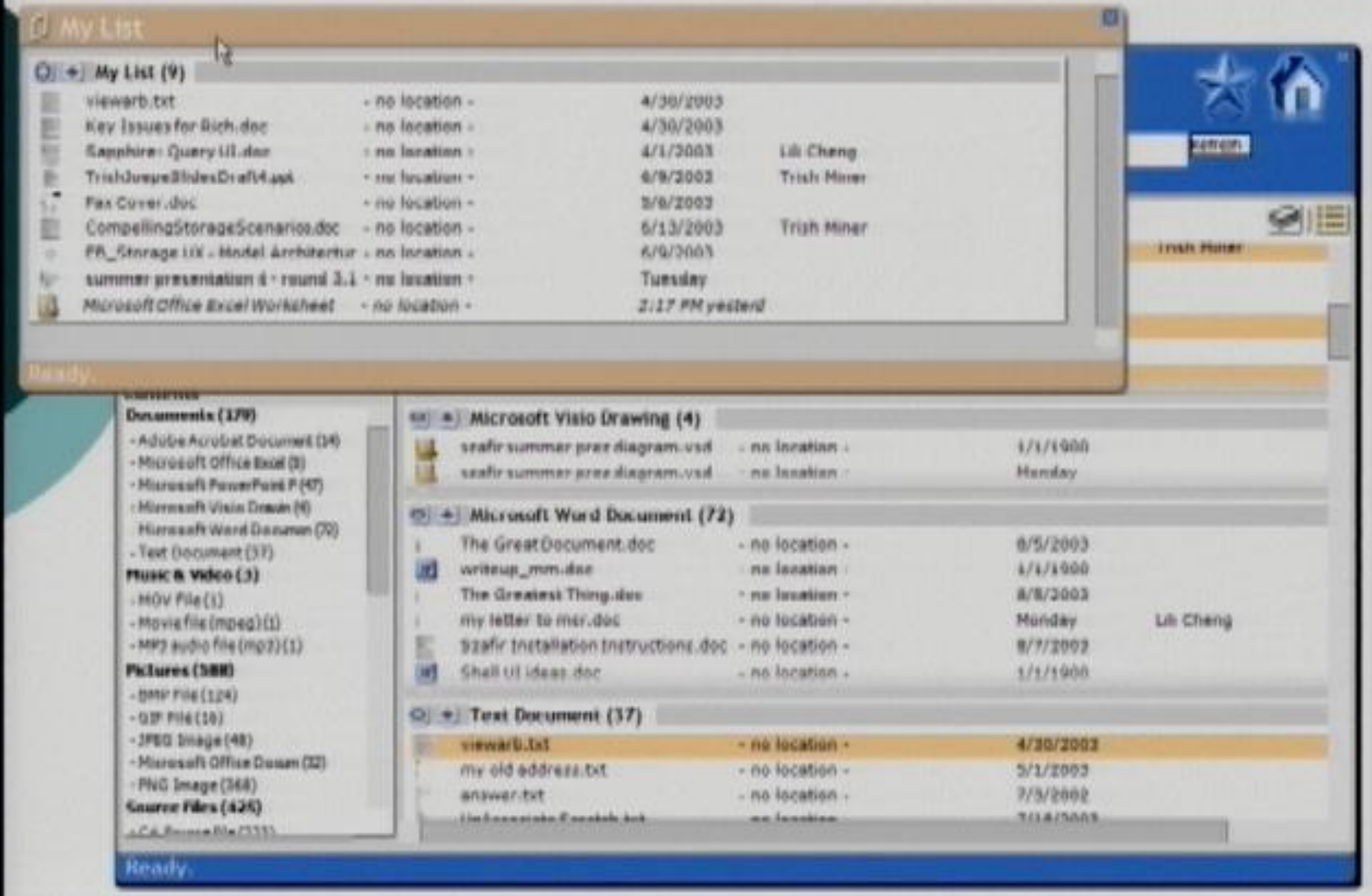

Microsoft Word Document
Details
Contents
Type
People
Date
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writeup_mm.doc
- no location -
1/1/1900
New List 8/20/2003 4:29 PM (4)
Key Issues for Rich.doc
- no location -
4/30/2003
- no location -
Lili Cheng
My List (4)
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4/30/2003
- no location -
Lili Cheng
My Cool List (4)
6/3/2003
Ready.

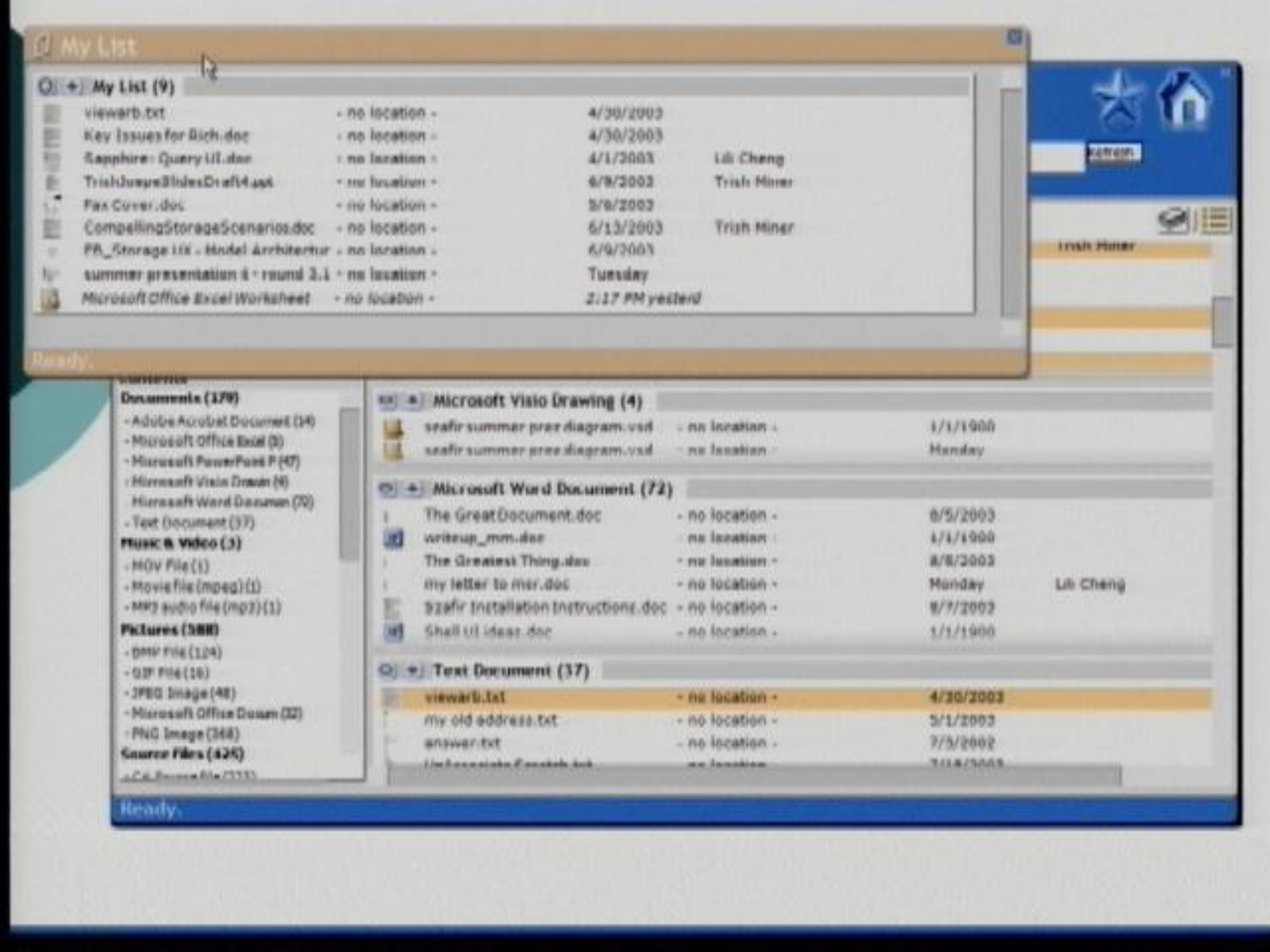

All Items
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Category
People
Date
Documents (179)
Music & Video (3)
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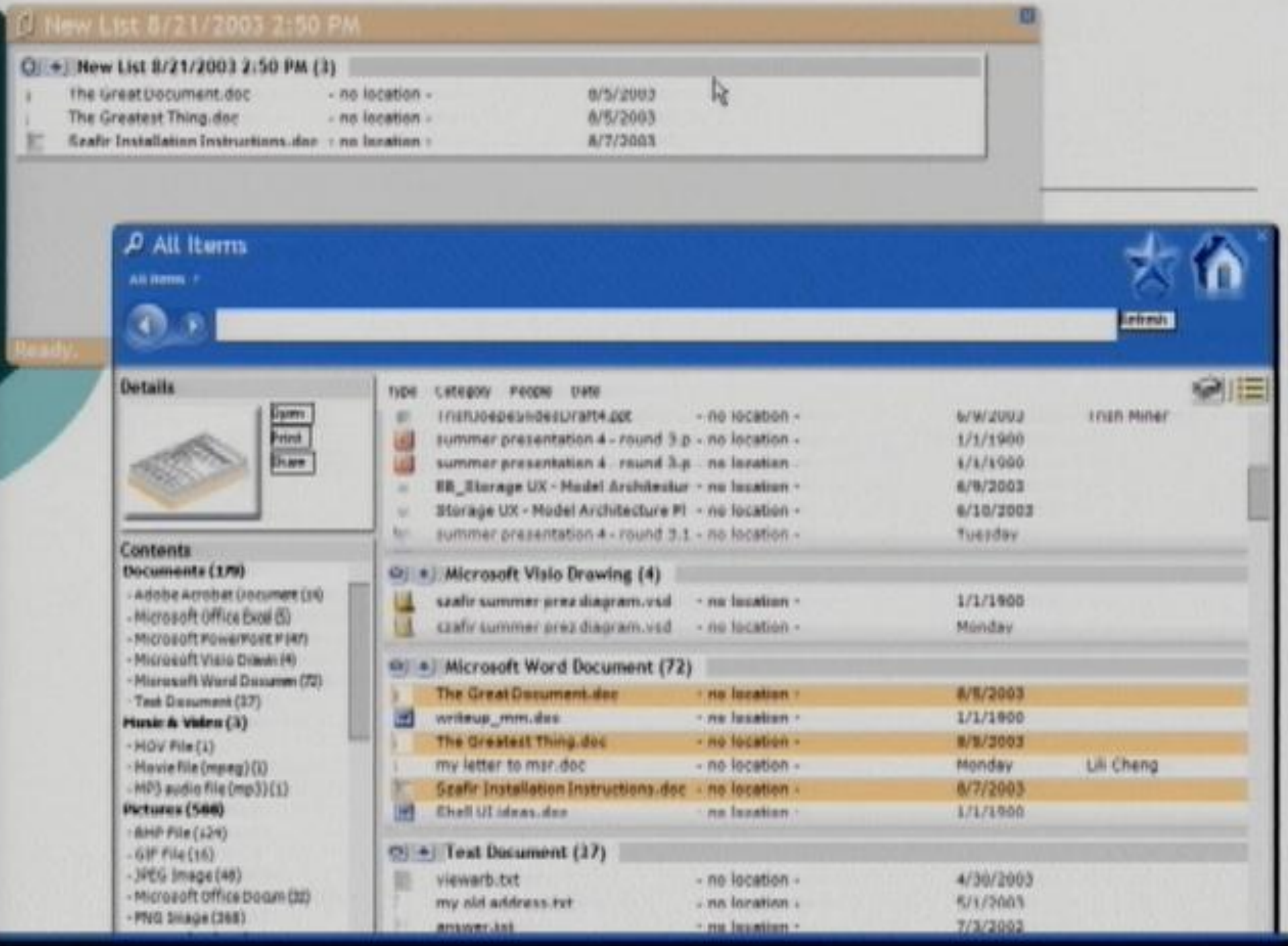

All Items
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Music & Video (3)
Pictures (388)
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Category
People
Date
summer presentation 4 - round 2.p
summer presentation 4 - round 3.p
Microsoft Visio Drawing (4)
Microsoft Word Document (72)
The Great Document.doc
writeup_mm.doc
The Greatest Thing.doc
my letter to mer.doc
Text Document (37)
viewarb.txt
my old address.txt
answer.txt
Ready.

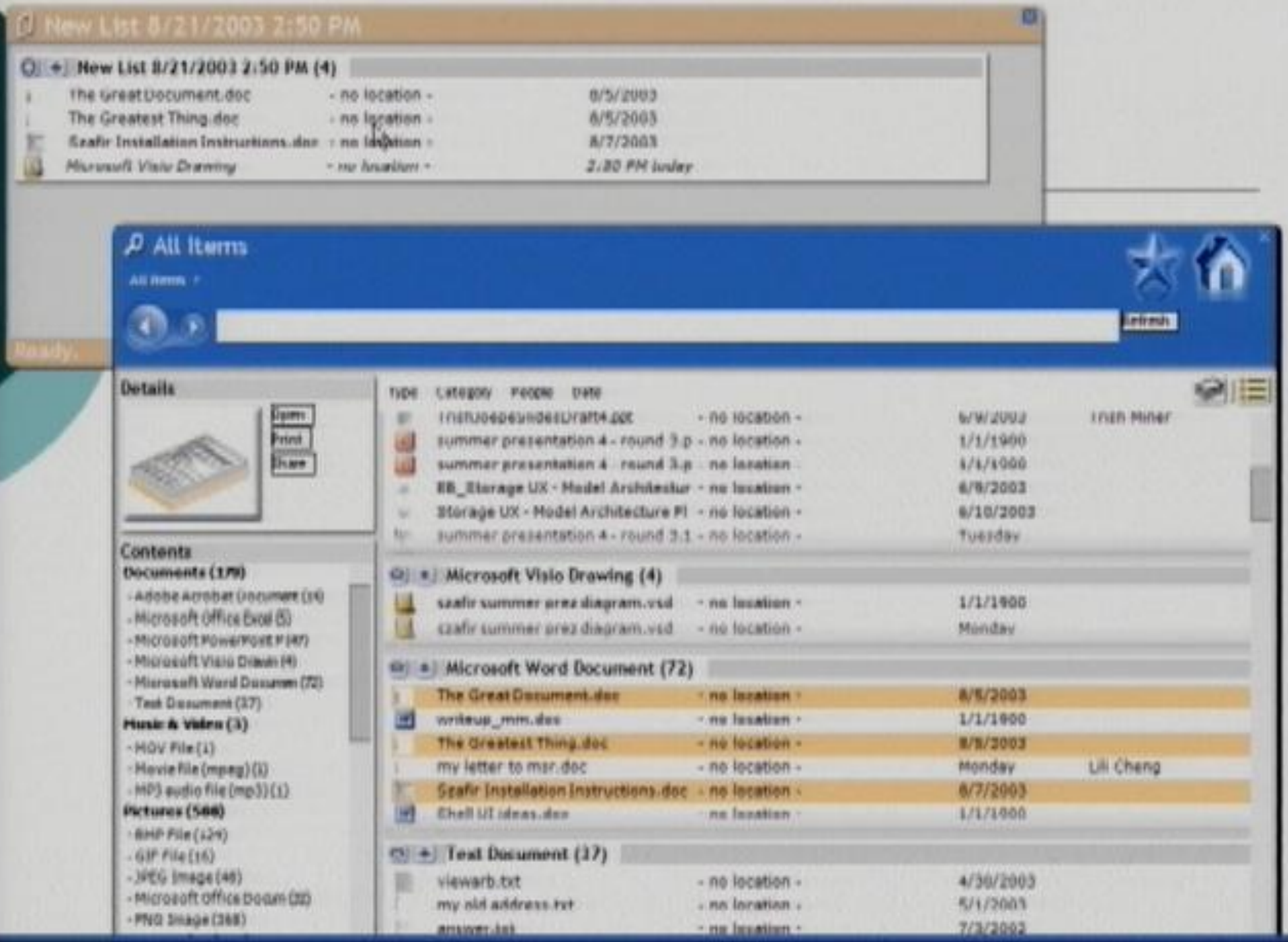

All Items
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Category
People
Date
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Microsoft Word Document (72)
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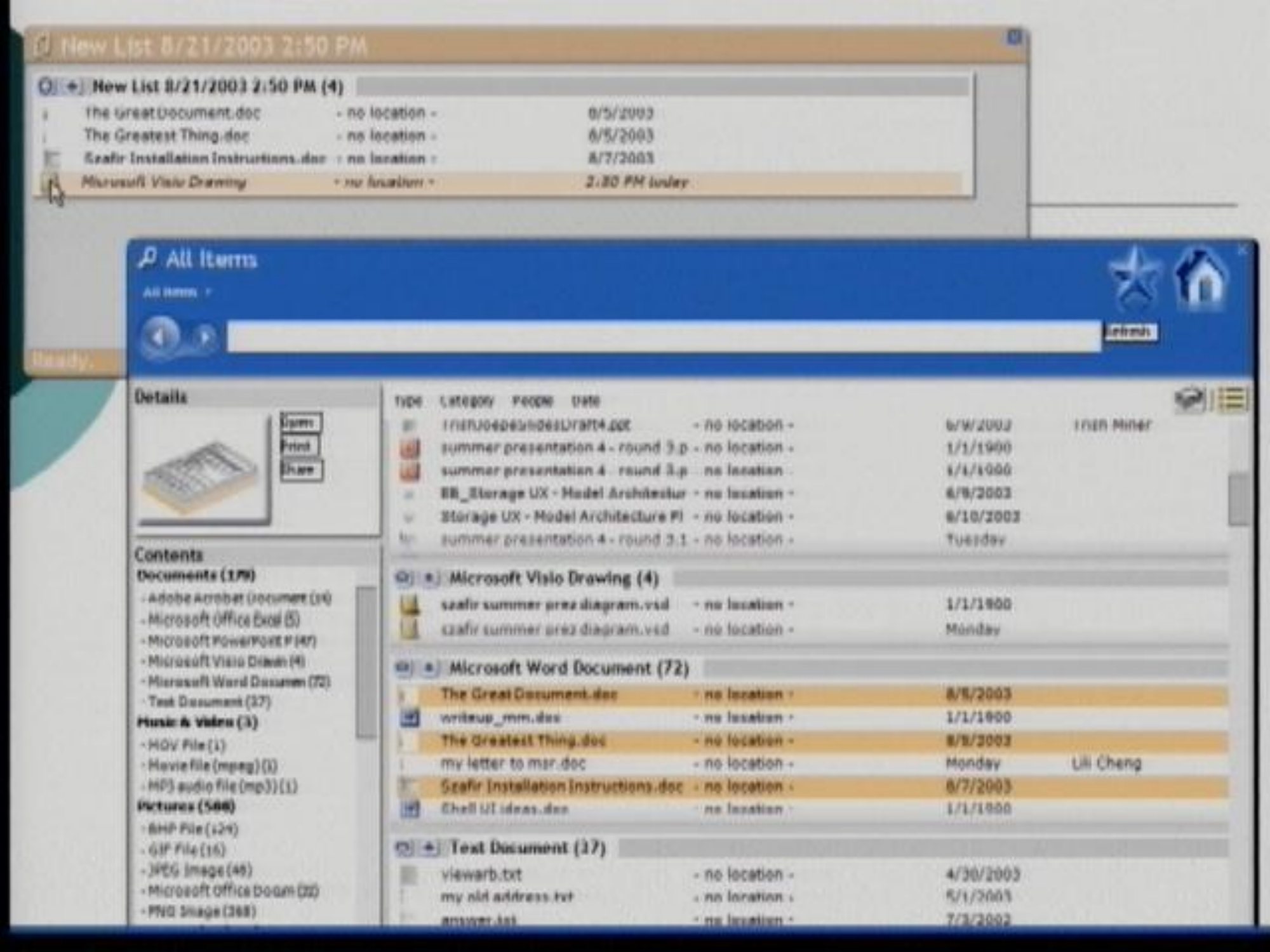

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New List 8/21/2003 2:49 PM (4)
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TrishJoepeSlidesDraft4.ppt - no location - 6/9/2003 Trish Miner
FR_Storage UI - Model Architectur - no location - 6/9/2003
summer presentation 4 - round 3.1 - no location - Tuesday
Ready.
Documents (179)
Music & Video (3)
Pictures (388)
Source Files (425)
Microsoft Visio Drawing (4)
Microsoft Word Document (72)
The Great Document.doc - no location - 8/5/2003
writeup_mm.doc - no location - 1/1/1900
The Greatest Thing.doc - no location - 8/8/2003
my letter to mer.doc - no location - Monday Lih Cheng
Text Document (37)
viewarb.txt - no location - 4/30/2003
my old address.txt - no location - 5/1/2003
answer.txt - no location - 7/5/2002
Ready.


My List
My List (9)
viewarb.txt - no location - 4/30/2003
Key Issues for Rich.doc - no location - 4/30/2003
Sapphire: Query UI.doc - no location - 4/1/2003 Lili Cheng
Trish3wayeSlidesDraft4.ppt - no location - 6/9/2003 Trish Miner
Fax Cover.doc - no location - 5/8/2003
CompellingStorageScenarios.doc - no location - 6/13/2003 Trish Miner
summer presentation 6 - round 3.1 - no location - Tuesday
Microsoft Office Excel Worksheet - no location - 2:17 PM yesterd
Ready.
Documents (179)
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Pictures (388)
Source Files (426)
Microsoft Visio Drawing (4)
Microsoft Word Document (72)
The Great Document.doc - no location - 6/5/2003
writeup_mm.doc - no location - 4/4/1900
The Greatest Thing.doc - no location - 8/8/2003
my letter to mer.doc - no location - Monday Lili Cheng
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viewarb.txt - no location - 4/30/2003
my old address.txt - no location - 5/1/2003
answer.txt - no location - 7/3/2002
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My List
My List (9)
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Sapphire: Query UI.doc - no location - 4/1/2003 Lih Cheng
TrishSurgeSlidesDraft4.ppt - no location - 6/9/2003 Trish Miner
Fax Cover.doc - no location - 5/9/2003
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summer presentation 6 - round 3.1 - no location - Tuesday
Microsoft Office Excel Worksheet - no location - 2:17 PM yesterd
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Documents (179)
Music & Video (3)
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Microsoft Word Document (72)
The Great Document.doc - no location - 8/5/2003
writeup_mm.doc - no location - 4/1/1900
The Greatest Thing.doc - no location - 8/8/2003
my letter to mer.doc - no location - Monday Lih Cheng
Text Document (37)
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my old address.txt - no location - 5/1/2003
answer.txt - no location - 7/5/2002
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New List 8/21/2003 2:50 PM (3)
the Great Document.doc - no location - 8/5/2003
The Greatest Thing.doc - no location - 8/5/2003
Szafir Installation Instructions.doc - no location - 8/7/2003
All Items
Ready.
Details
Contents
Documents (179)
Music & Video (3)
Pictures (566)
Microsoft Visio Drawing (4)
szafir summer prez diagram.vsd - no location - 1/1/1900
Microsoft Word Document (72)
The Great Document.doc - no location - 8/5/2003
writeup_mm.doc - no location - 1/1/1900
The Greatest Thing.doc - no location - 8/5/2003
my letter to msr.doc - no location - Monday Lili Cheng
Szafir Installation Instructions.doc - no location - 8/7/2003
Text Document (17)
viewarb.txt - no location - 4/30/2003


New List 8/21/2003 2:50 PM
New List 8/21/2003 2:50 PM (4)
The Great Document.doc - no location - 8/5/2003
The Greatest Thing.doc - no location - 8/5/2003
Szafir Installation Instructions.doc - no location - 8/7/2003
Microsoft Visio Drawing - no location - 2:30 PM today
All Items
Refresh
Ready.
Details
Open
Print
Share
Contents
Documents (179)
Adobe Acrobat Document (16)
Microsoft Office Excel (5)
Microsoft PowerPoint (47)
Microsoft Visio Drawin (4)
Microsoft Word Documen (72)
Text Document (37)
Music & Video (3)
HDV File (1)
Movie file (mpeg) (1)
MP3 audio file (mp3) (1)
Pictures (586)
BMP File (529)
GIF File (16)
JPEG Image (40)
Microsoft Office Docum (20)
PNG Image (368)
Type Category People Date
summer presentation 4 - round 3.p - no location - 1/1/1900
summer presentation 4 - round 3.p - no location - 1/1/1900
BB_Storage UX - Model Architectur - no location - 6/6/2003
Storage UX - Model Architecture Pl - no location - 6/10/2003
summer presentation 4 - round 3.1 - no location - Tuesday
Microsoft Visio Drawing (4)
szafir summer prez diagram.vsd - no location - 1/1/1900
szafir summer prez diagram.vsd - no location - Monday
Microsoft Word Document (72)
The Great Document.doc - no location - 8/5/2003
writeup_mm.doc - no location - 1/1/1900
The Greatest Thing.doc - no location - 8/5/2003
my letter to mir.doc - no location - Monday Lili Cheng
Szafir Installation Instructions.doc - no location - 8/7/2003
Shell UI ideas.doc - no location - 1/1/1900
Text Document (37)
viewarb.txt - no location - 4/30/2003
my old address.txt - no location - 5/1/2003
answer.txt - no location - 7/3/2003


New List 8/21/2003 2:50 PM
New List 8/21/2003 2:50 PM (4)
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Folder
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summer presentation 4 - round 3.p - no location - 1/1/1900
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Text Document (17)
viewarb.txt - no location - 4/30/2003
answer.txt - no location - 7/3/2003

Study 2 Results

- 7 novice externals (Abby/Melissa)
- Real data, Sapphire on XP
- Surprise: **everyone got lists**
  - 7/7 Understood linking semantics
  - 6/7 Predicted drag & drop behavior
  - 7/7 Predicted delete behavior
  - 7/7 Predicted dynamic list within static
  - 6/7 Valued overlapping lists
- Everyone **preferred to XP explorer**
  - Overall 6 of 7 for **confidence in finding**
  - Overall 5.9 of 7 improvement over XP

Summary & Next Steps

- Rapid prototyping & user studies:
  - Relieve product track risk
  - Explore hard issues
- Continue joint studies & prototypes with Windows team
  - Migration
  - Organization concepts & set semantics
  - Sharing
- Contact: *mattmac, andrzejt, scottlt, lilich*

If you want prototype

Summary & Next Steps

- Rapid prototyping & user studies:
  - Relieve product track risk
  - Explore hard issues
- Continue joint studies & prototypes with Windows team
  - Migration
  - Organization concepts & set semantics
  - Sharing
- Contact: *mattmac, andrzejt, scottlt, lilich*

If you want prototype

Automatically Generated Shared Spaces

Grzegorz Zareba, Cezary Marcjan
Social Computing Group, MSR
Aug 21, 2003

Microsoft Confidential

Current sharing experience

- Setting-up file shares
  - Copying all files to be shared into one location
    - Many files have been shared before
  - Setting-up access permissions
  - Notify people via email about the share

- Many different methods of sharing
  - Windows shared folders
  - File shares
  - Sharepoint
  - Email, etc.

Goal

Automatically generate a set of suggested shares

Automatic generation of suggested shares

- Generation of people-docs groups
  - Shared files access (Files, People)
  - Document metadata (Authors-People)
  - Email (Outlook – Folders, Sent and received messages, Attachments)
- Removing unwanted items (undelivered messages, junk mail, etc.)
- Clustering people-docs groups
  - Combining groups with the same set of people
  - Combining groups with the same set of docs (files)

Automatic generation of suggested shares

clustering using different similarity measures

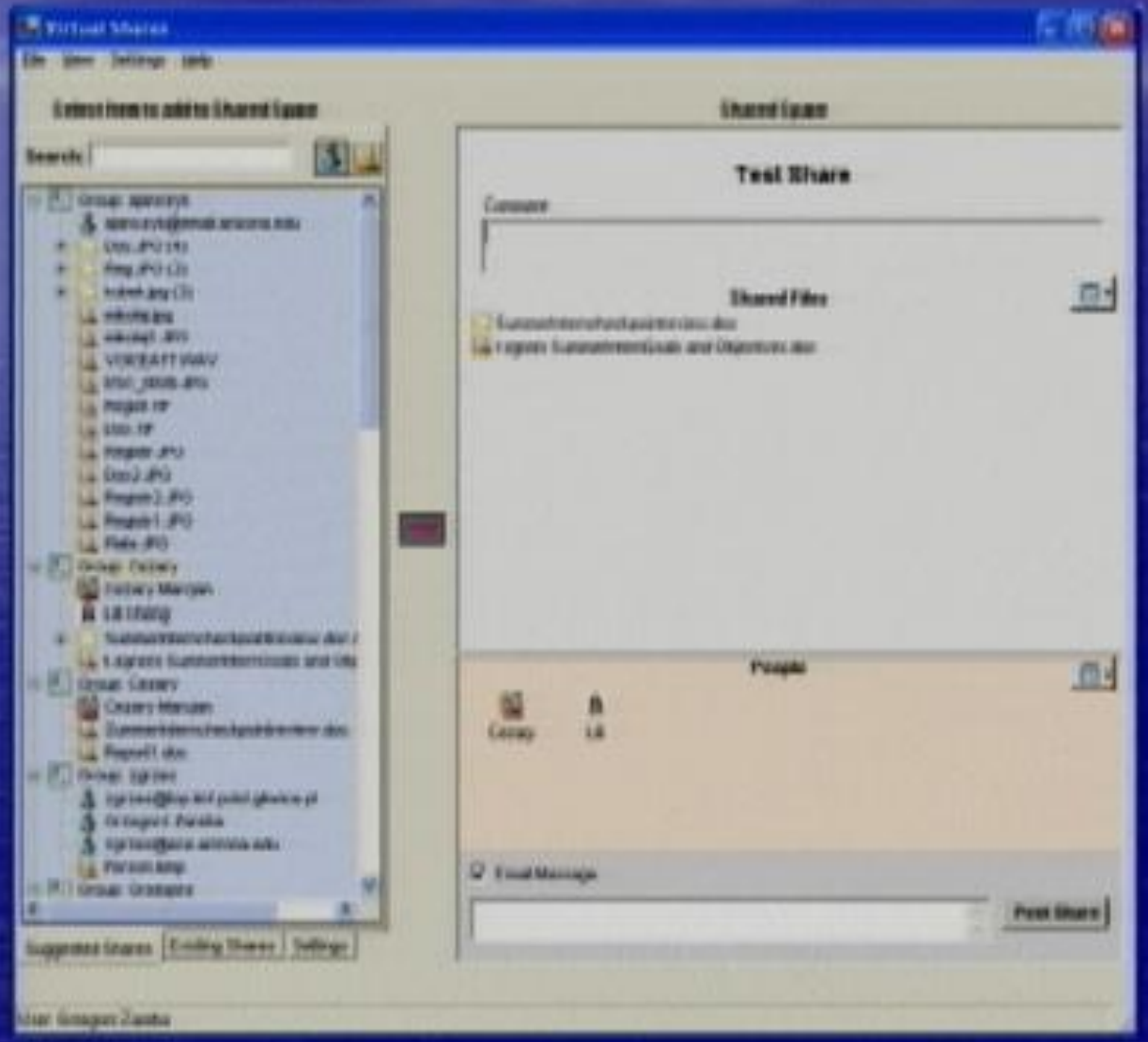


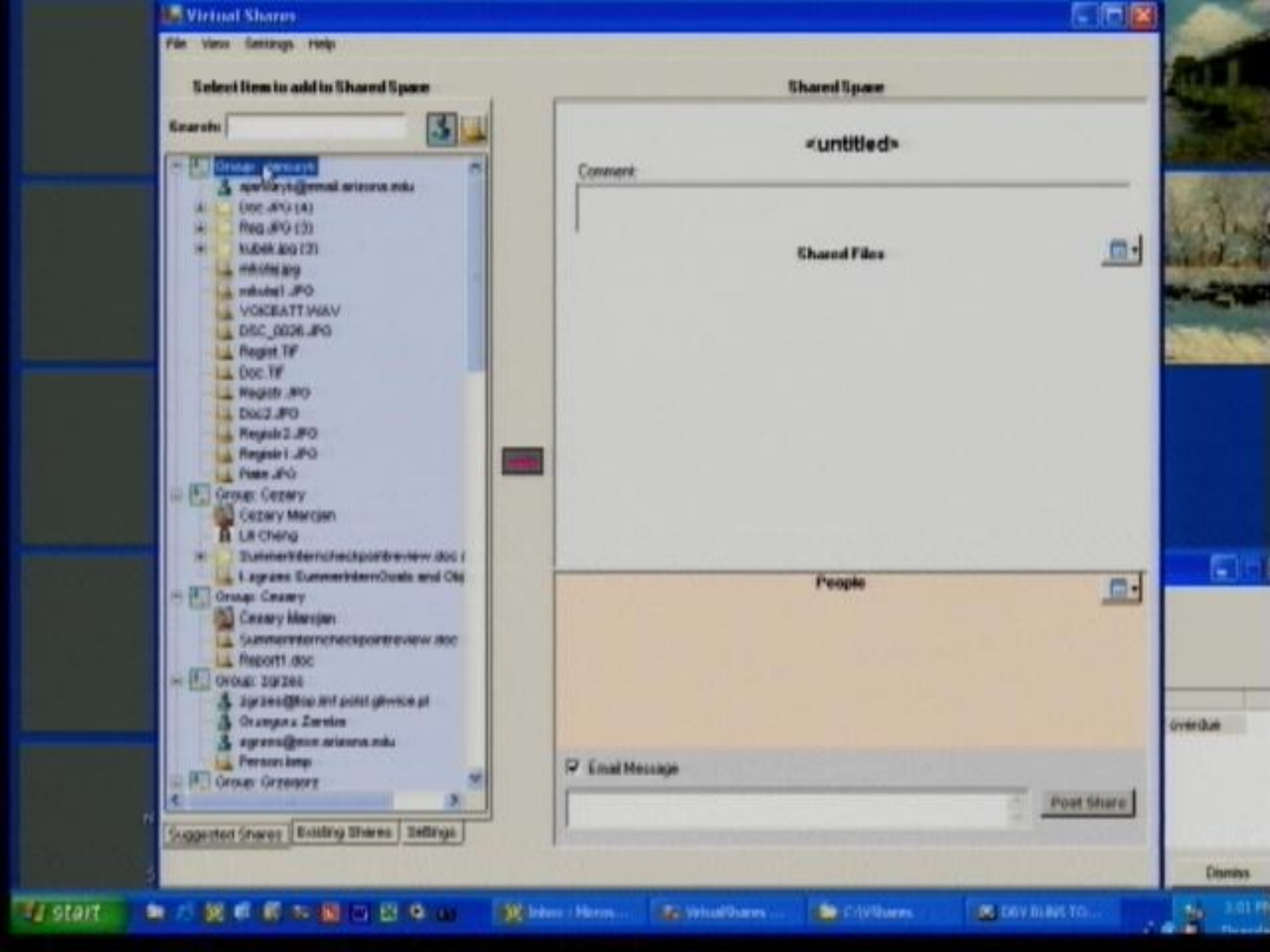
Automatic generation of suggested shares

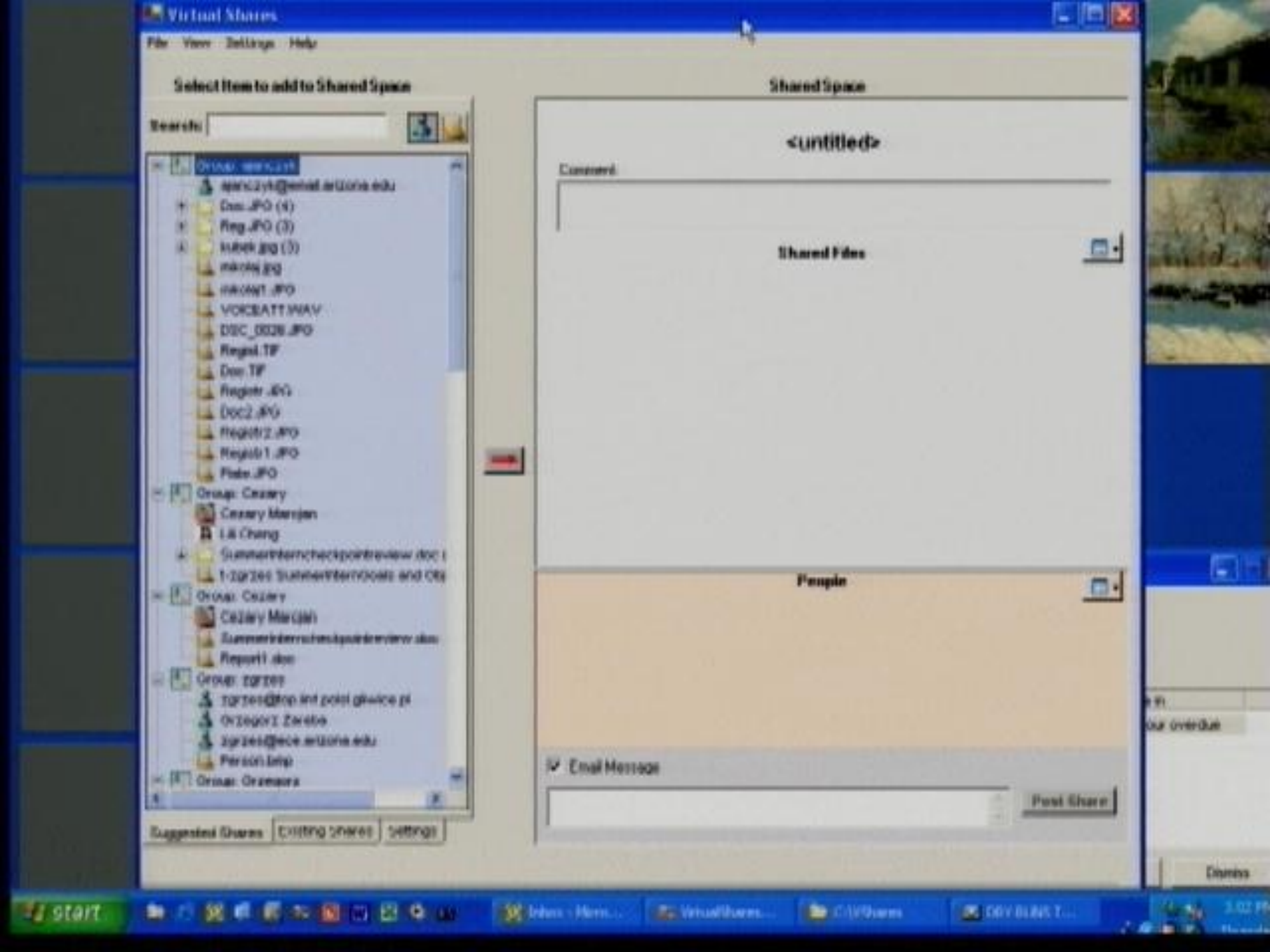
clustering using different similarity measures

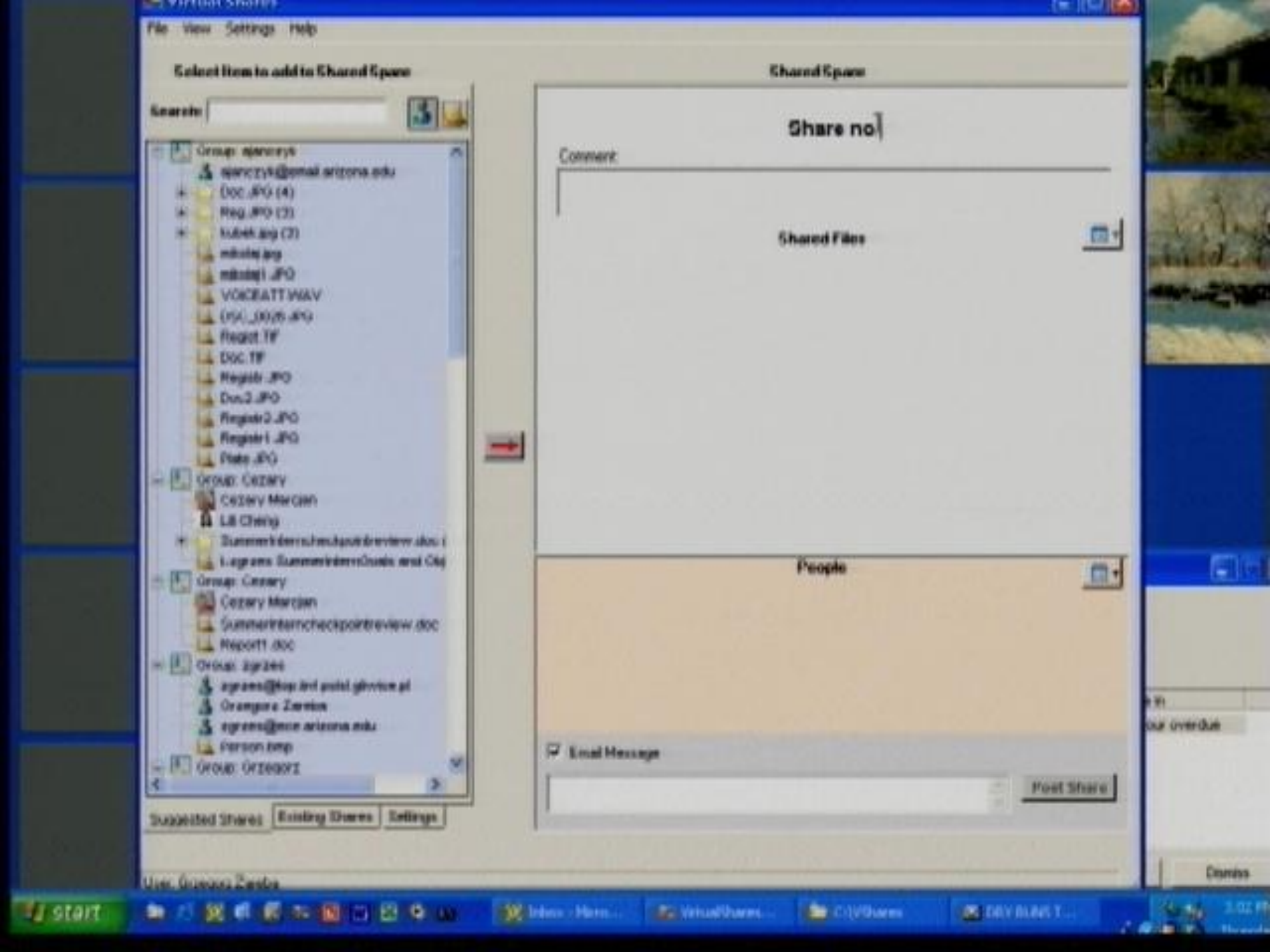


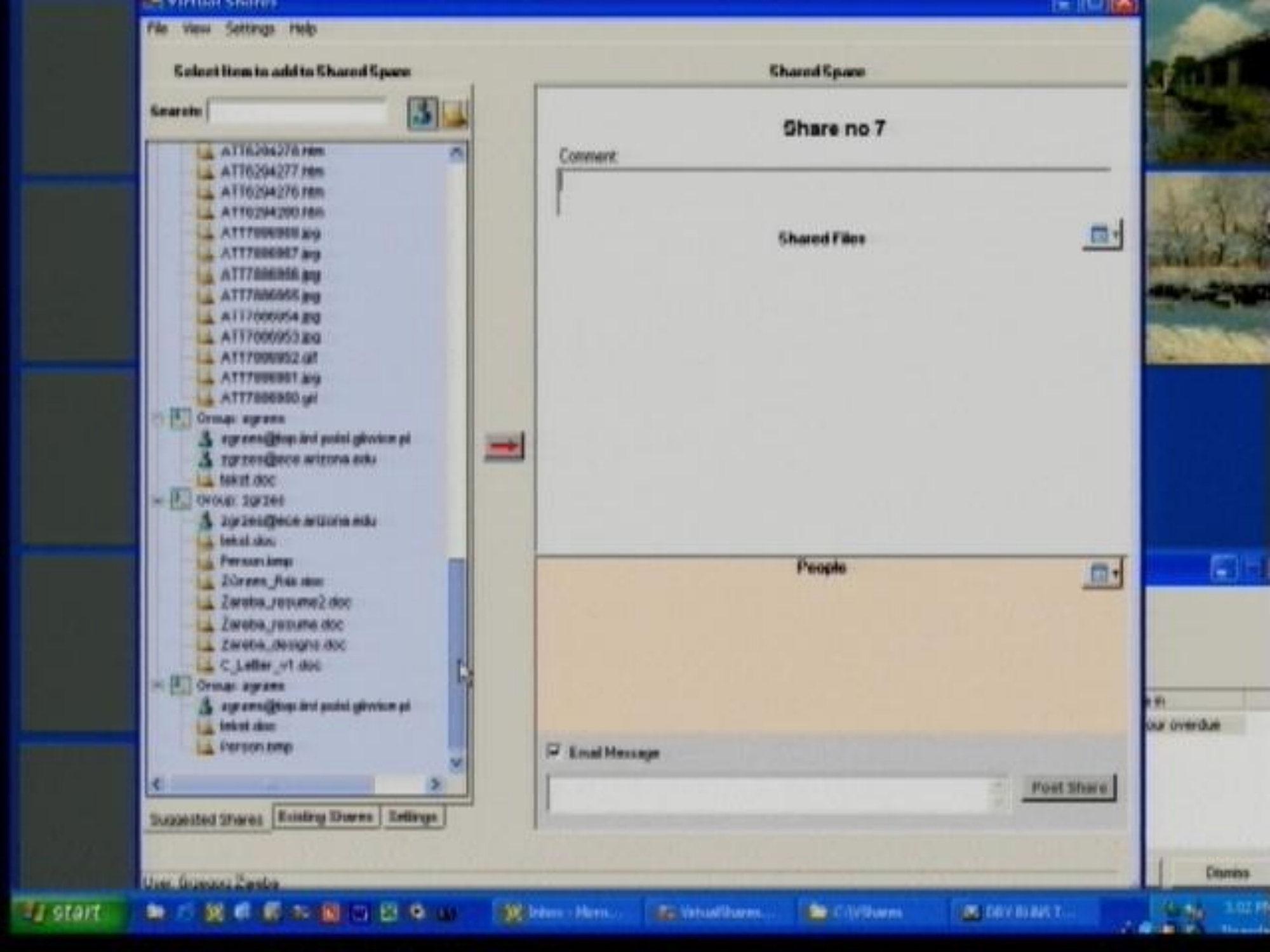
Demo

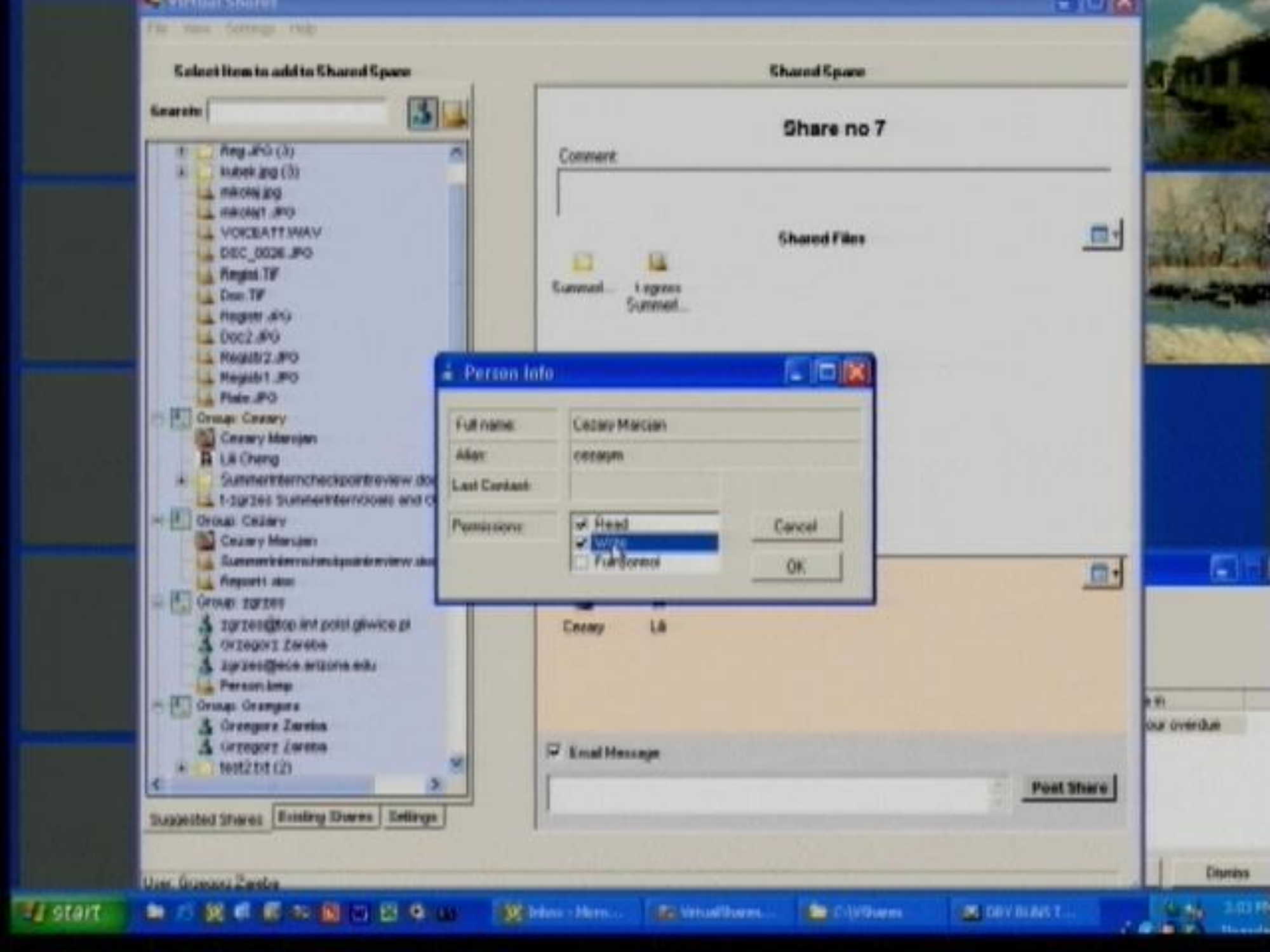


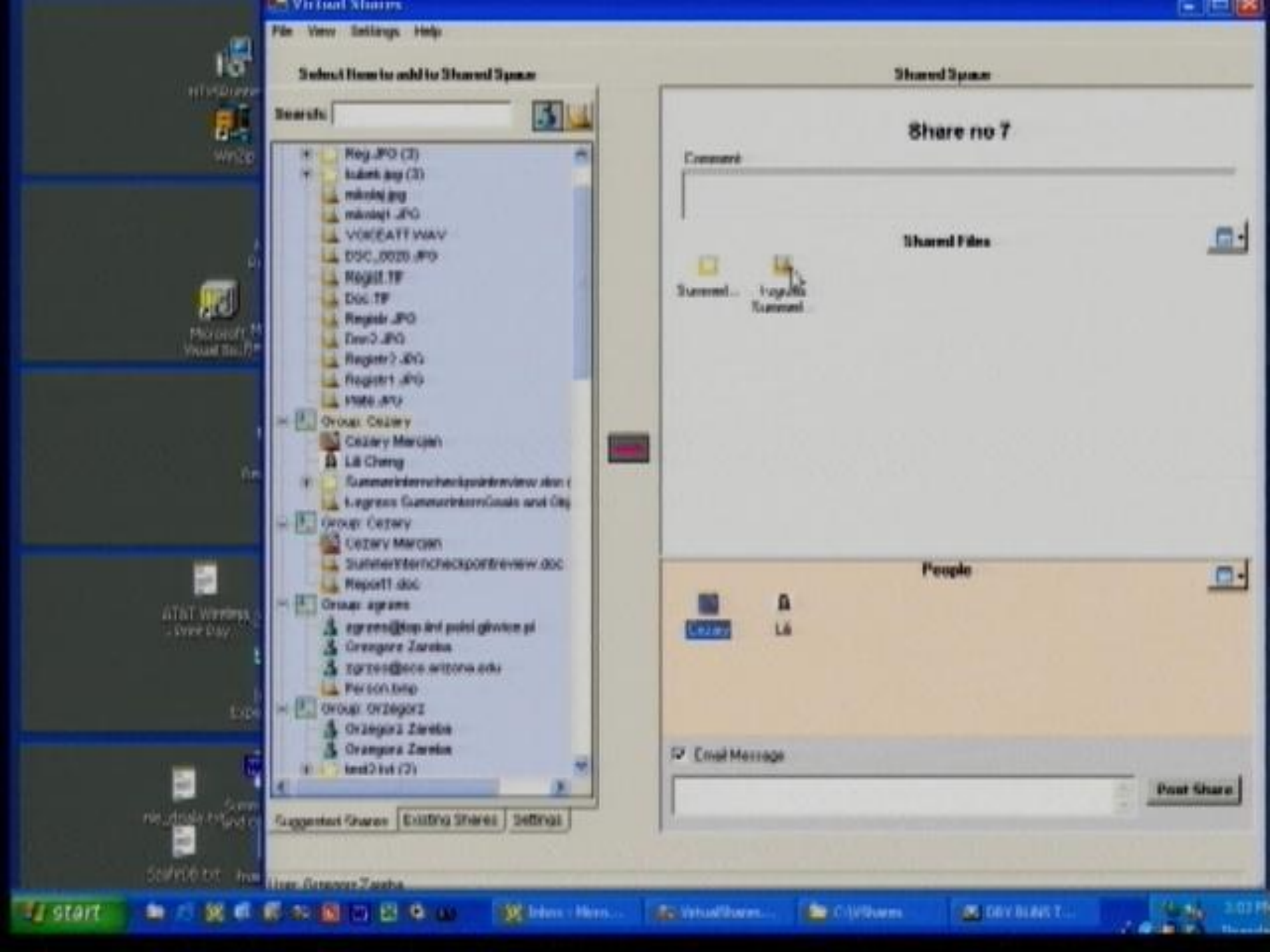

Virtual Shares
File View Settings Help
Select Item to add to Shared Space
Shared Space
«untitled»
Comment
Shared Files
People
Email Message
Post Share
Suggested Shares
Existing Shares
Settings
start

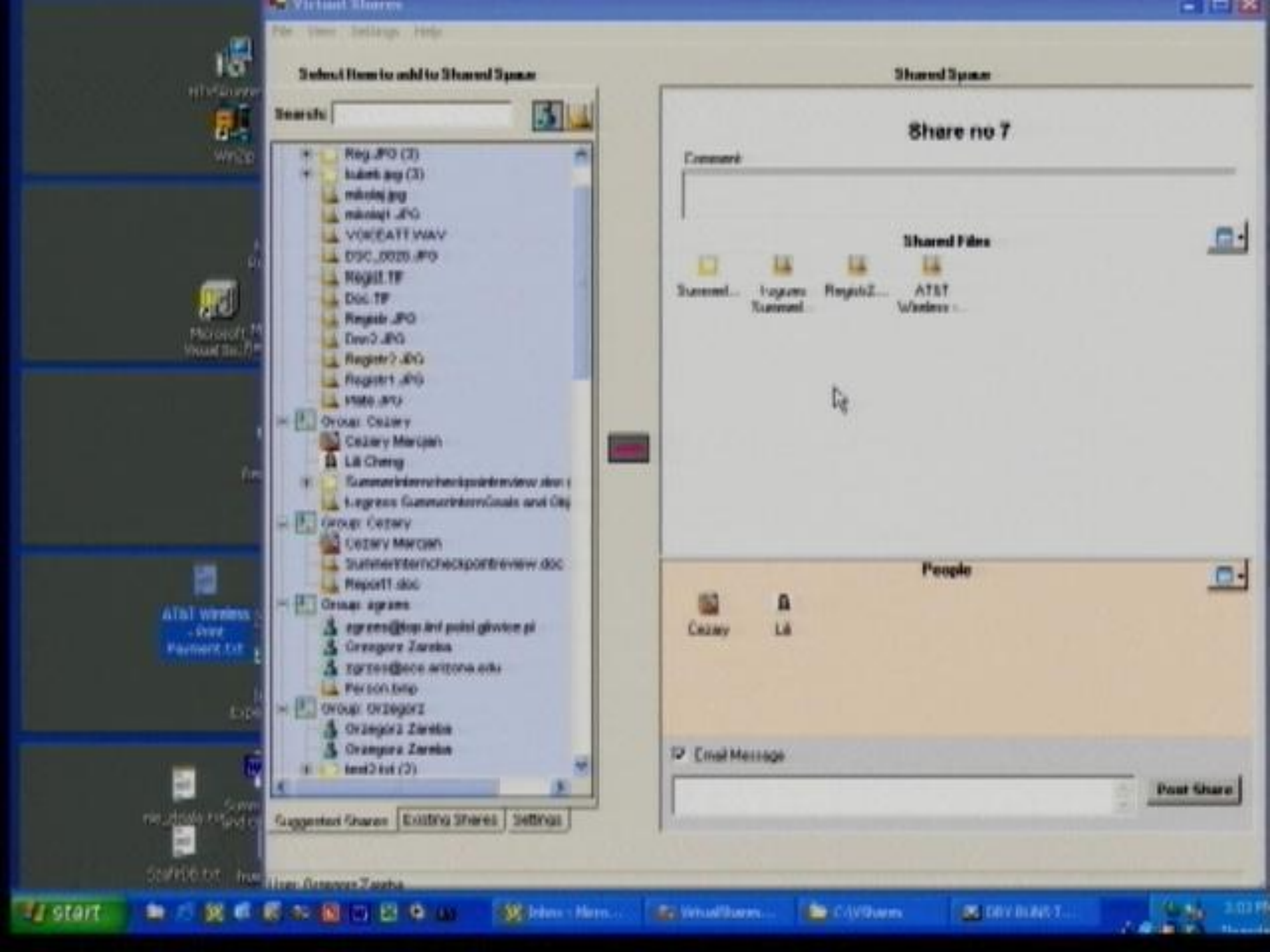

Virtual Shares
File View Settings Help
Select Item to add to Shared Space
Search:
Shared Space
<untitled>
Comment
Shared Files
People
Email Message
Post Share
Suggested Shares
Existing Shares
Settings
start

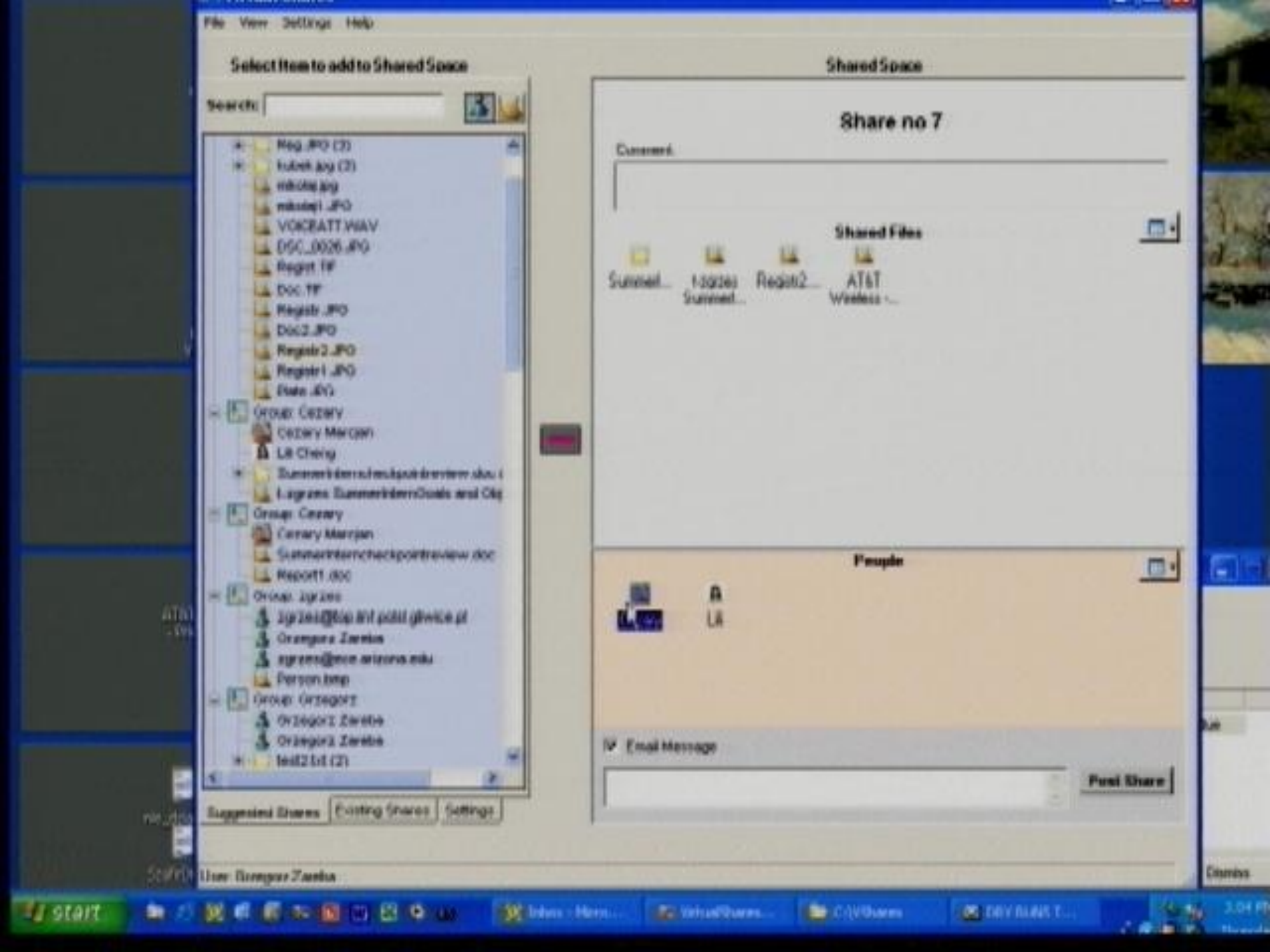

File View Settings Help
Select Item to add to Shared Space
Search:
Shared Space
Share no
Comment:
Shared Files
People
Email Message
Post Share
Suggested Shares
Existing Shares
Settings
start

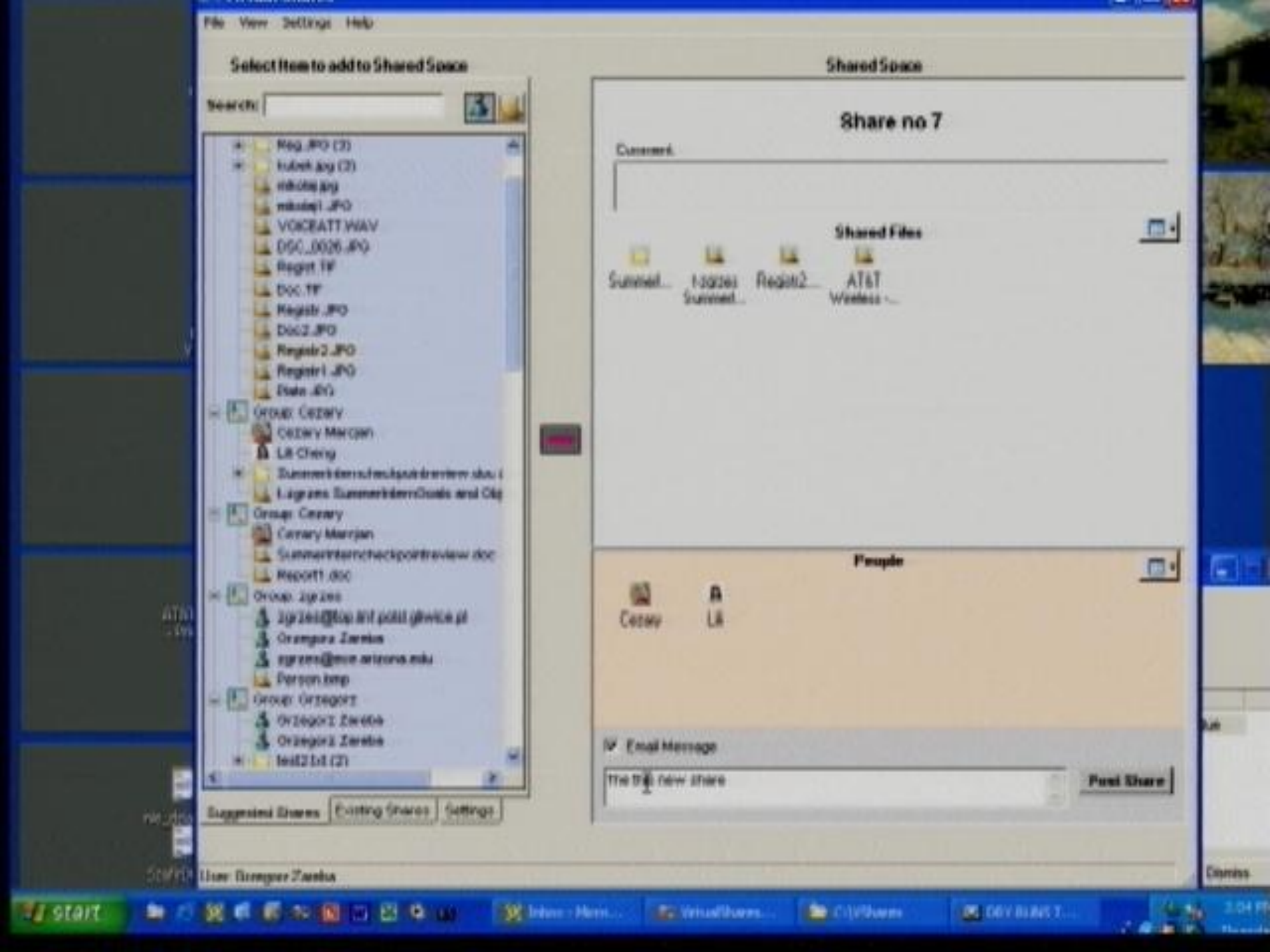

File View Settings Help
Select Item to add to Shared Space
Search:
Shared Space
Share no 7
Comment
Shared Files
People
Email Message
Post Share
Suggested Shares
Existing Shares
Settings
start


Select Item to add to Shared Space
Shared Space
Share no 7
Comment
Shared Files
Person Info
Full name
Alias
Last Context
Permissions
Cancel
OK
Email Message
Post Share
Suggested Shares
Existing Shares
Settings
start


File View Settings Help
Select How to add to Shared Space
Search:
Shared Space
Share no 7
Comment
Shared Files
People
Email Message
Post Share
Suggested Shares
Existing Shares
Settings
start


Select Item to add to Shared Space
Search:
Shared Space
Share no 7
Comment
Shared Files
People
Email Message
Post Share
Suggested Shares
Existing Shares
Settings
start


File View Settings Help
Select Item to add to Shared Space
Search:
Shared Space
Share no 7
Comment
Shared Files
Sunnet...
Regist2...
AT&T
Wireless -...
People
Email Message
Post Share
Suggested Shares
Existing Shares
Settings
start


File View Settings Help
Select Item to add to Shared Space
Search:
Shared Space
Share no 7
Comment
Shared Files
People
Email Message
Post Share
Suggested Shares
Existing Shares
Settings
start

Summary & Next Steps

- Summary:
  Automatically generated sets of suggested groups of people and docs simplify creation of new shares
- Next steps:
  - Fully implement posting created Shared Spaces
  - Add authentication and maintenance module
  - User study

Contact info: t-zgrzes or zgrzes@ece.arizona.edu
cezarym

Instant Meeting Preparation

Will Portnoy, Shelly Farnham,
Dave Myron, Lili Cheng
Social Computing Group, MSR
Aug 21, 2003

Microsoft Confidential

Instant Meeting Preparation

Will Portnoy, Shelly Farnham,
Dave Myron, Lili Cheng
Social Computing Group, MSR
Aug 21, 2003

Microsoft Confidential

One Page Instant Meeting Prep

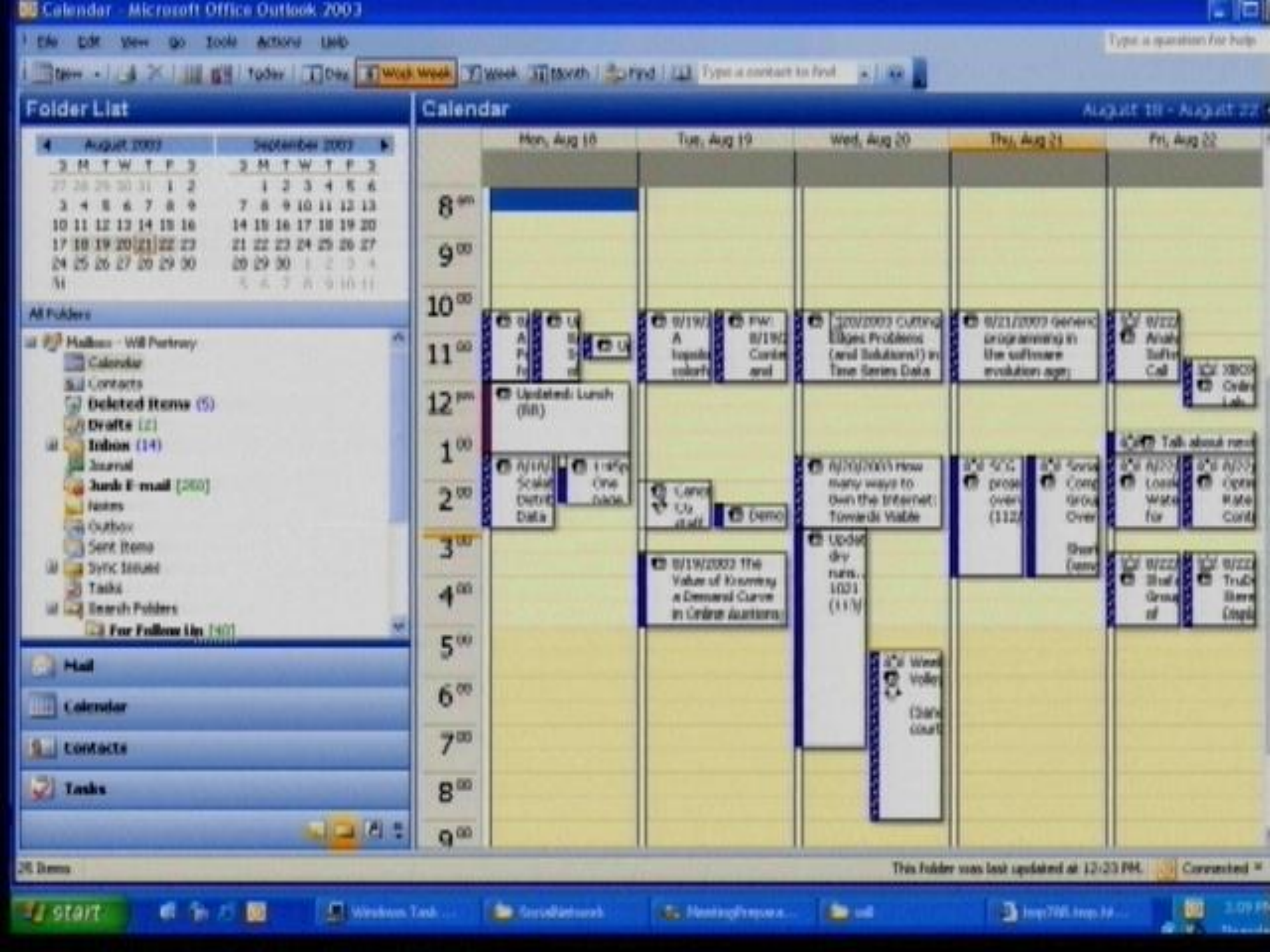
- You have a meeting in five minutes with known and unknown people
- Meeting Prep generates a one printed page sheet to take to the meeting
  - Personalized by your
    - Relationship to other attendees
    - Relevant communications and documents
    - Location (map from your location to meeting)
- Aggregate user's public and private data

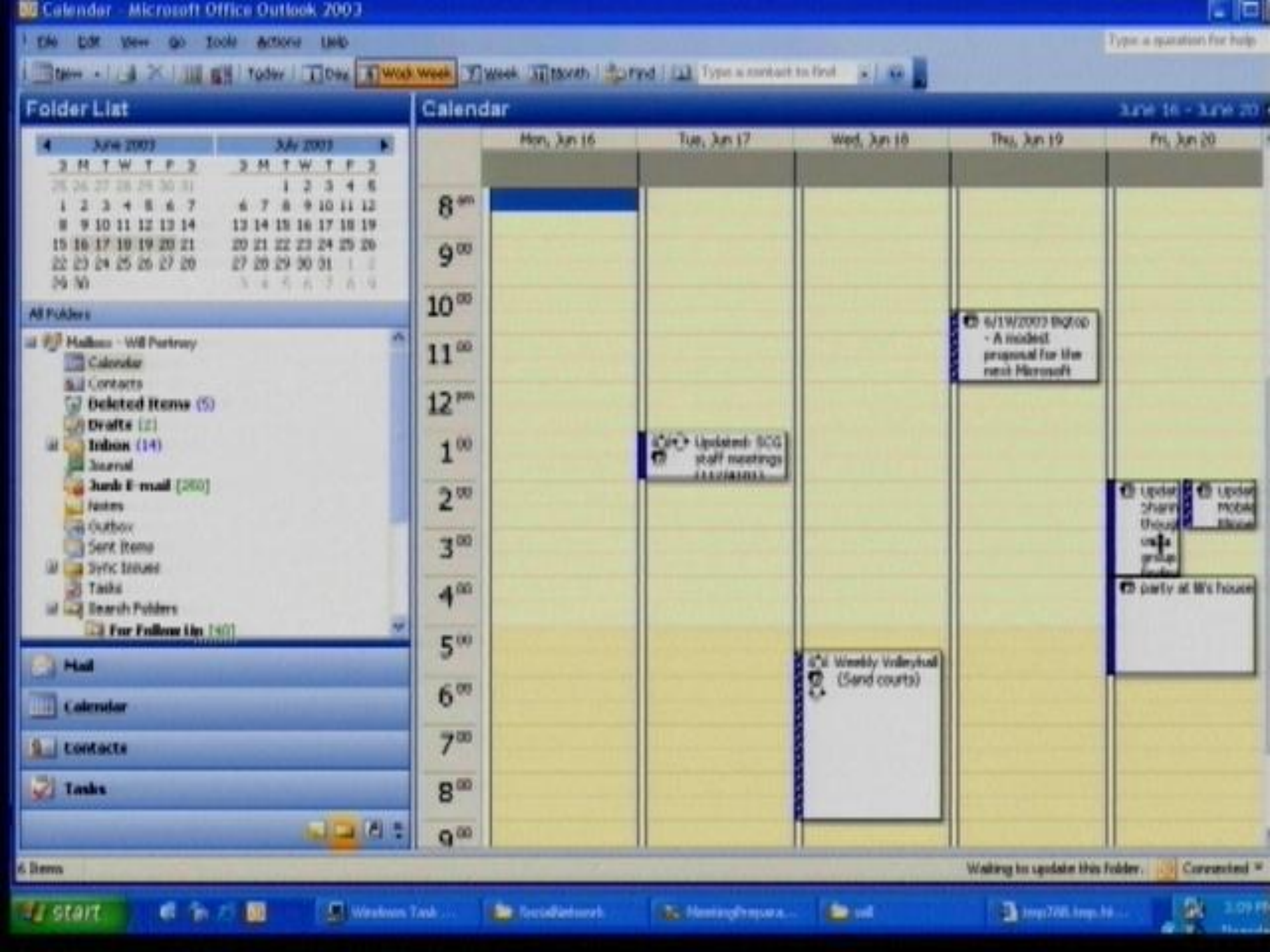
Background

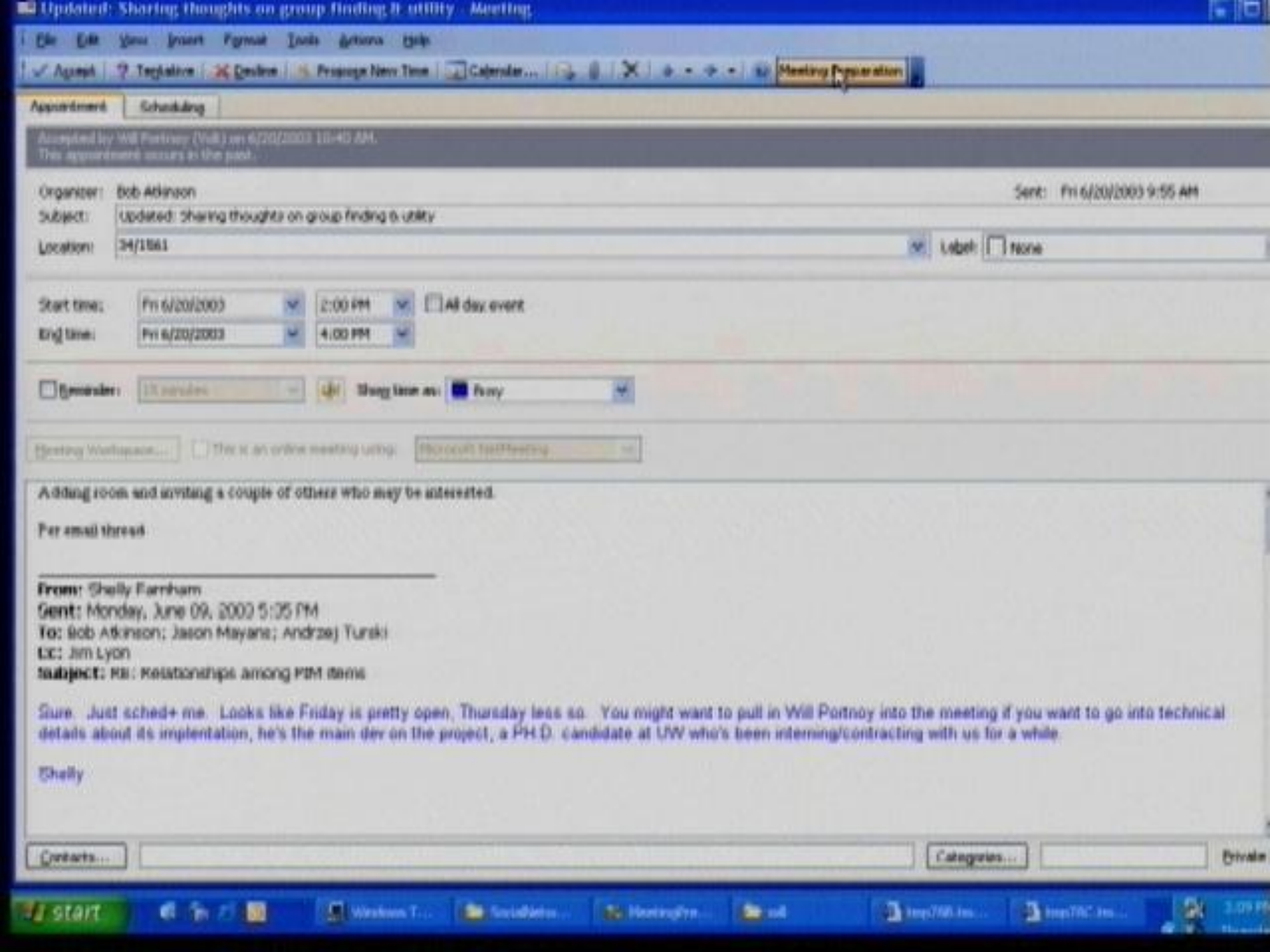
- Builds off previous work
  - Sapphire for automatically organizing items (people, documents, etc.)
  - Point to point for exploring social network (typically in relation to "me")
  - Personal Map Outlook integration (inline with your communication tools)

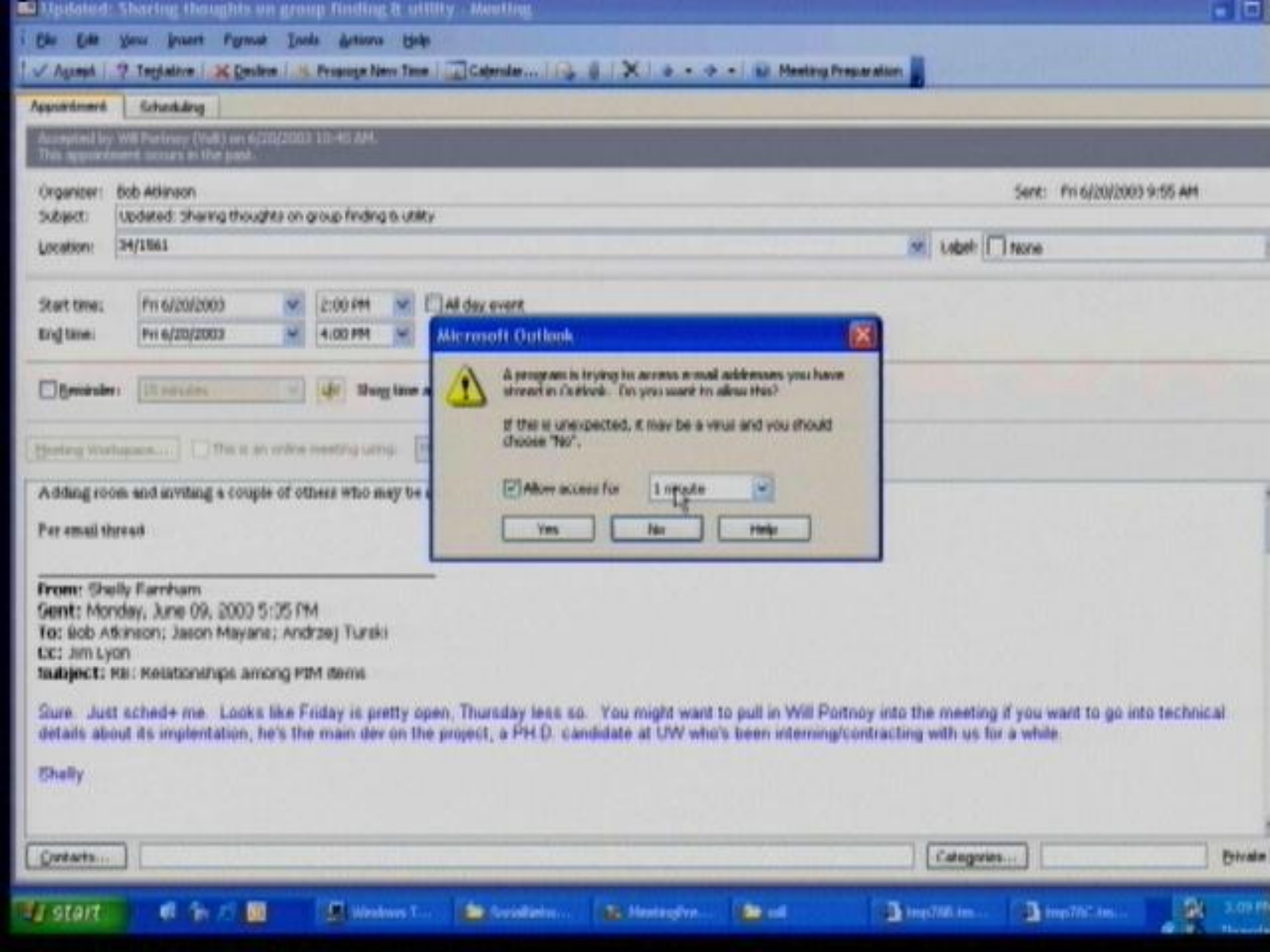
Demo

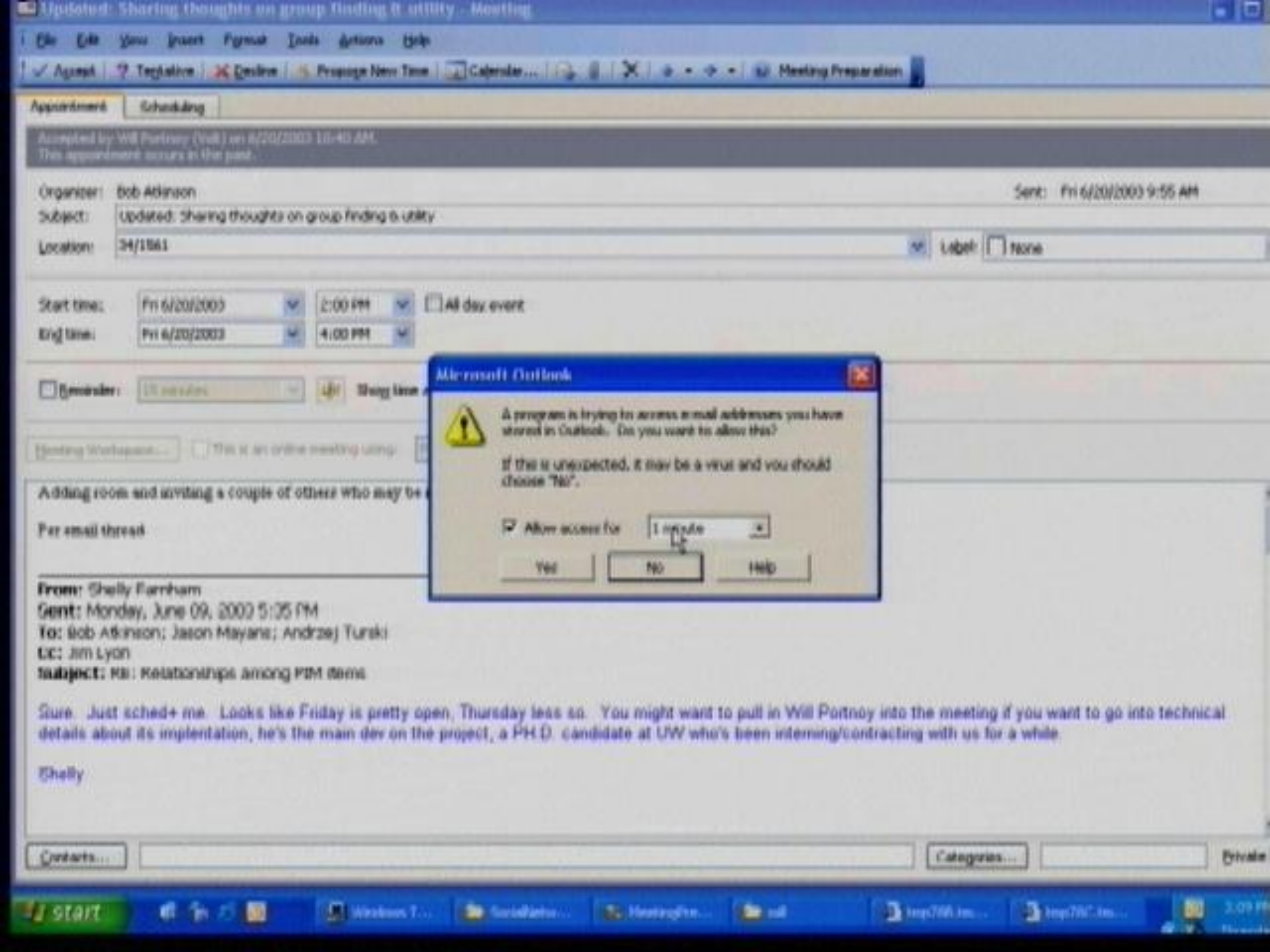



Calendar - Microsoft Office Outlook 2003
Folder List
Calendar
Mon, Aug 18
Tue, Aug 19
Wed, Aug 20
Thu, Aug 21
Fri, Aug 22
Mail
Calendar
Contacts
Tasks
start


Calendar - Microsoft Office Outlook 2003
Folder List
Calendar
Mon, Jun 16
Tue, Jun 17
Wed, Jun 18
Thu, Jun 19
Fri, Jun 20
Weekly Volleyball (Sand courts)
party at Bill's house
Mail
Calendar
Contacts
Tasks


Updated: Sharing thoughts on group finding & utility - Meeting
File Edit View Insert Format Tools Actions Help
Accept Tentative Decline Propose New Time Calendar... Meeting Preparation
Appointment Scheduling
Accepted by Will Portnoy (Will) on 6/20/2003 10:40 AM.
This appointment occurs in the past.
Organizer: Bob Atkinson
Sent: Fri 6/20/2003 9:55 AM
Subject: Updated: Sharing thoughts on group finding & utility
Location: 34/1561
Label: None
Start time: Fri 6/20/2003 2:00 PM All day event
End time: Fri 6/20/2003 4:00 PM
Reminder: 15 minutes
Show time as: Busy
Meeting Workspace... This is an online meeting using: Microsoft NetMeeting
Adding room and inviting a couple of others who may be interested.
Per email thread
From: Shelly Farnham
Sent: Monday, June 09, 2003 5:35 PM
To: Bob Atkinson; Jason Mayans; Andrzej Turski
Cc: Jim Lyon
Subject: RE: Relationships among PIM items
Sure. Just sched+ me. Looks like Friday is pretty open, Thursday less so. You might want to pull in Will Portnoy into the meeting if you want to go into technical details about its implentation, he's the main dev on the project, a PH.D. candidate at UW who's been interning/contracting with us for a while.
Shelly
Contacts... Categories... Private
start


Updated: Sharing thoughts on group finding & utility - Meeting
Appointment
Scheduling
Organizer: Bob Atkinson
Sent: Fri 6/20/2003 9:55 AM
Subject: Updated: Sharing thoughts on group finding & utility
Location: 34/1561
Label: None
Start time: Fri 6/20/2003 2:00 PM
All day event
End time: Fri 6/20/2003 4:00 PM
Microsoft Outlook
A program is trying to access e-mail addresses you have stored in Outlook. Do you want to allow this?
If this is unexpected, it may be a virus and you should choose "No".
Allow access for 1 minute
Yes
No
Help
Per email thread
From: Shelly Farnham
Sent: Monday, June 09, 2003 5:35 PM
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Cc: Jim Lyon
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-Shelly
Contacts...
Categories...
Private
start


Updated: Sharing thoughts on group finding & utility - Meeting
Accept
Tentative
Decline
Propose New Time
Calendar...
Meeting Preparation
Appointment
Scheduling
Organizer: Bob Atkinson
Sent: Fri 6/20/2003 9:55 AM
Subject: Updated: Sharing thoughts on group finding & utility
Location: 34/1561
Label: None
Start time: Fri 6/20/2003 2:00 PM
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All day event
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-Shelly
Contacts...
Categories...
Private
start

sharing thoughts on group finding & utility.html - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\t-willphy\Documents\sharing thoughts on group finding & utility.html

Google

Updated: Sharing thoughts on group finding & utility

Time: Friday, 6/20/2008, 2:00 PM-4:00 PM

Meeting Overview:

Adding room and inviting a couple of others who may be interested.

Ref email thread

From: Shelly Farnham

More...

Terms to be familiar with:

finding, group, sharing, thoughts, updated, utility

Location: 24/1561

Meeting Organizer:



Bob Atkinson (bobatk)

SOFTWARE ARCHITECT, US-Exchange Management

24/4728 x65570

Emails:

Fw: Relationships among PIM items

RE: Relationships among PIM items

RE: Relationships among PIM items

DLs:

outlook (MY) Development (4)

Passport External Questions (6)

TinyCLR Discussion Group (9)

Jason Mayans (jmayans)

PROGRAM MANAGER LEAD, US-Exchange Program Management

24/4684 x63178

you > Ted Webber > Jason May

Emails:

RE: Tault's Advernet

RE: Social Computing and Exchange

RE: Social Computing and Exchange

DLs:

Exchange Collaboration PMs (5)

Collaboration Management WG (7)

My Information WG (8)

Leon Warman (lwarman)

LEAD PROGRAM MANAGER, US-Exchange Program Management

24/1613 x72665

Emails:

DLs:

Exchange-BizPeople Workflow PM (5)

Windows Architecture Team (11)

MEv Core Team (13)

Jim Lyon (jimlyon)

SOFTWARE ARCHITECT, US-Exchange Development

24/4678 x60667

you > Ted Webber > Jim Lyon

Done

My Computer

start

sharing thoughts on group finding & utility.html - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\t-willp\My Documents\sharing thoughts on group finding & utility.html

Google Search Web News Pagerank

Jim Lyon (jimlyon)
SOFTWARE ARCHITECT, US-Exchange Development
24/4670 x60967
Email:

you > Ted Webber > Jim Lyon

DLs:
Exchange Base Technology Dev (13)
Kodiak Anti-Spam/Anti-Virus Work Group (22)
Exchange SSD Discussion (28)

Malcolm Pearson (malsabng)
ARCHITECT, US-Exchange Management
24/4668 x67006
Email:

you > Rich Dudley > Malcolm Pearson

DLs:
Kodiak (M2) Development (4)
Exchange Kodiak Team Managers (6)
Exchange TSS Management Team (10)



Andrzej Turski (andrzejt)
RSDE, US-Social Computing Group
117/4334 x64934
Email:

Personal map as a communication center
FW: Bond dialogs installation instructions
Bill's UX day

DLs:
Seattr - SCG (8)
SapphireX (10)
Sapphire Development (14)



Will Portnoy (t-willp)
INTERN, US-MSR Intern Cost Center
MOBILE x72676
Email:

Re: Hey there
visualization paper draft
RE: visualization paper draft

DLs:
SCG USER STUDY (9)
Sharing & Rich Media (14)
Social Computing Group (18)

Meeting Preparation 1.0.1025.22030

Done My Computer

start

sharing thoughts on group finding & utility.html - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\t-willpitt\Documents\sharing thoughts on group finding & utility.html

Google

Updated: Sharing thoughts on group finding & utility

Time: Friday, 6/20/2008, 2:00 PM-4:00 PM

Meeting Overview:

Adding room and inviting a couple of others who may be interested.

Per email thread

From: Shelly Farnham

More...

Terms to be familiar with:

finding, group, sharing, thoughts, updated, utility

Location: 24/1561

Meeting Organizer:



Bob Atkinson (bobatk)

SOFTWARE ARCHITECT, OS-Exchange Management

24/4728 x45570

Emails:

FW: Relationships among PIM items

RE: Relationships among PIM items

RE: Relationships among PIM items

DLs:

Outlook (MV) Development (4)

Passport External Questions (5)

TinyCLR Discussion Group (9)

Jason Mayans (jmayans)

PROGRAM MANAGER LEAD, OS-Exchange Program Management

24/4684 x53178

you > Ted Webber > Jason May

Emails:

RE: Tsuff's Advisenet

RE: Social Computing and Exchange

RE: Social computing and Exchange

DLs:

Exchange Collaboration PMs (3)

Collaboration Management WG (7)

My Information WG (8)

Leon Warman (lwarman)

LEAD PROGRAM MANAGER, OS-Exchange Program Management

24/1613 x72665

Emails:

DLs:

Exchange-BizPeople Workflow PM (5)

Windows architecture team (11)

MSN Core Team (13)

Jim Lyon (jimlyon)

SOFTWARE ARCHITECT, OS-Exchange Development

24/4678 x40067

you > Ted Webber > Jim Lyon

Done

My Computer

start

Demo


Updated: Sharing thoughts on group finding & utility
Bob Atkinson (bobatk)
Jason Hogans (jhogans)
Leon Warman (lwarman)
Jim Lyon (jlyon)
Malcolm Pearson (malcolmp)
Andrzej Turski (andrzejt)
Will Portnoy (t-willp)

Information

- Meeting
  - Overview (text from the invitation)
  - Emphasize organizer
  - Keywords (terms that may be unfamiliar)
  - Map of meeting location relative to you
- Invitee profiles
  - Ordered by org chart distance
  - *Photo*, title, department, office, building, phone number

Updated: Sharing thoughts on group finding & utility - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\t-willp\Local Settings\Temp\tmp79A.tmp.htm

Google

Updated: Sharing thoughts on group finding & utility

Time: Friday, 6/20/2003, 2:00 PM-4:00 PM

Meeting Overview:

Adding room and inviting a couple of others who may be interested.

Ref email thread

From: Shelly Farnham

More...

Terms to be familiar with:

finding, group, sharing, thoughts, updated, utility

Location: 28/1561

Meeting Organizer:



Bob Atkinson (bobatk)

SOFTWARE ARCHITECT, MS-Exchange Management

28/4728 x65570

Emails:

DLs:

Kodiak (M3) Development (4)
Passport External Questions (6)
ThinCLR Discussion Group (9)

Jason Mayans (jmayans)

PROGRAM MANAGER LEAD, MS-Exchange Program Management

28/4604 x59178

Emails:

DLs:

Exchange Collaboration PMs (6)
Collaboration Management WG (7)
Kodiak WinFS (8)

Leon Warman (lwarman)

LEAD PROGRAM MANAGER, MS-Exchange Program Management

34/4645 x72668

Emails:

DLs:

Exchange+BizPeople Workflow PM (8)
Process architecture team (10)
MEx Core Team (13)

Jim Lyon (jimlyon)

SOFTWARE ARCHITECT, MS-Exchange Development

34/4678 x60067

Emails:

DLs:

Exchange Base Technology Dev (13)
Exchange ESD Discussion (19)
ATG Extended Group (24)

http://office/My%20Pics/Pic.asp?account=bobatk

My Computer

start

Updated: Sharing thoughts on group finding & utility - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\t-willp\Local Settings\Temp\tmp796.tmp.html

Google

Updated: Sharing thoughts on group finding & utility

Time: Friday, 6/20/2003, 3:00 PM-4:00 PM

Meeting Overview:

Adding room and inviting a couple of others who may be interested.

Per email thread

From: Shelly Farnham

More...

Terms to be familiar with:

finding, group, sharing, thoughts, updated, utility

Location: 34/1561

Meeting Organizer:



Bob Atkinson (bobatk)

SOFTWARE ARCHITECT, US-Exchange Management

34/4728 x65574

Email:

DLs:

Kodiak (M2) Development (4)
Passport External Questions (6)
TinyCLR Discussion Group (9)

Jason Mayans (jmayans)

PROGRAM MANAGER LEAD, US-Exchange Program Management

34/4684 x57179

Email:

DLs:

Exchange Collaboration DMs (6)
Collaboration Management WG (7)
Kodiak WinFS (8)

Leon Warman (lwarman)

LEAD PROGRAM MANAGER, US-Exchange Program Management

34/4645 x74648

Email:

DLs:

Exchange+BizPeople WorkFlow PM (9)
Process architecture team (10)
MEx Core Team (13)

Jim Lyon (jimlyon)

SOFTWARE ARCHITECT, US-Exchange Development

34/4678 x60067

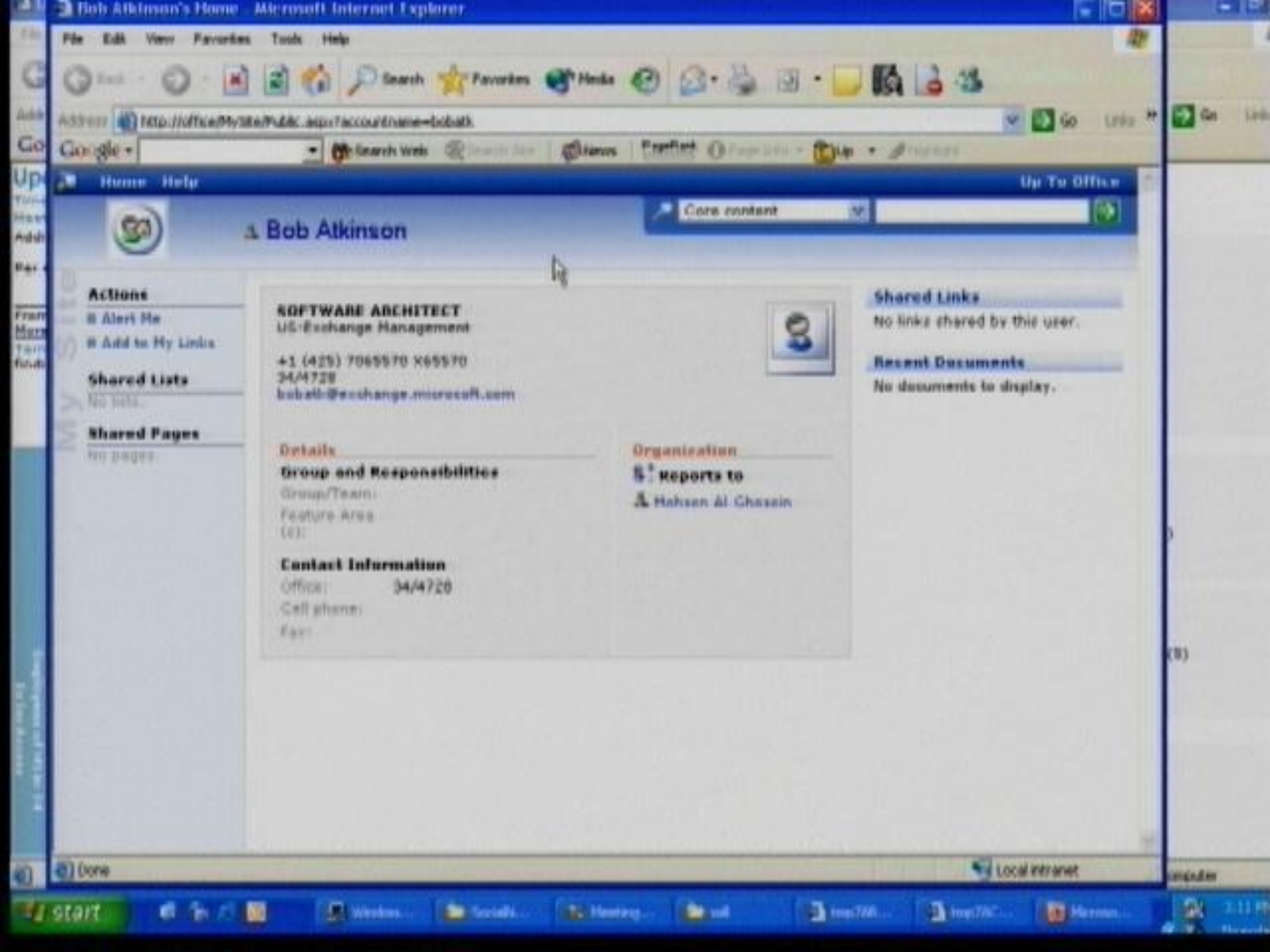
Email:

DLs:

Exchange Base Technology Dev (13)
Exchange ESD Discussion (28)
ATS Extended Group (26)

My Computer

start


Bob Atkinson's Home - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Search
Favorites
Media
Address
Go
Home Help
Up To Office
Bob Atkinson
Actions
Alert Me
Add to My Links
Shared Lists
Shared Pages
SOFTWARE ARCHITECT
US-Exchange Management
+1 (425) 7069570 X69570
34/4720
Details
Group and Responsibilities
Group/Team:
Feature Area
(s):
Contact Information
Office: 34/4720
Cell phone:
Fax:
Organization
Reports to
Hahsen Al Ghassin
Shared Links
No links shared by this user.
Recent Documents
No documents to display.
Done
Local intranet
start

Updated: Sharing thoughts on group finding & utility - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\t-willp\Local Settings\Temp\tmp799.tmp.htm

Google

Updated: Sharing thoughts on group finding & utility

Time: Friday, 6/20/2003, 2:00 PM-4:00 PM

Location: 38/1561

Meeting Overview:

Adding room and inviting a couple of others who may be interested.

Per email thread

From: Shelly Farnham

More...

Terms to be familiar with:

finding, group, sharing, thoughts, updated, utility



Bob Atkinson (bobatk)

SOFTWARE ARCHITECT, US-Exchange Management

38/4720 x45570

Email:

DLs:

Kodiak (M2) Development (4)
Passport External Questions (6)
TinyCLR Discussion Group (9)

Jason Mayans (jmayans)

PROGRAM MANAGER LEAD, US-Exchange Program Management

38/4684 x57170

Email:

DLs:

Exchange Collaboration DMs (6)
Collaboration Management WG (7)
Kodiak WinFS (8)

Leon Warman (lwarman)

LEAD PROGRAM MANAGER, US-Exchange Program Management

38/4685 x72668

Email:

DLs:

Exchange+BizPeople WorkFlow PM (8)
Process architecture team (10)
ME+ Core Team (13)

Jim Lyon (jimlyon)

SOFTWARE ARCHITECT, US-Exchange Development

38/4678 x60067

Email:

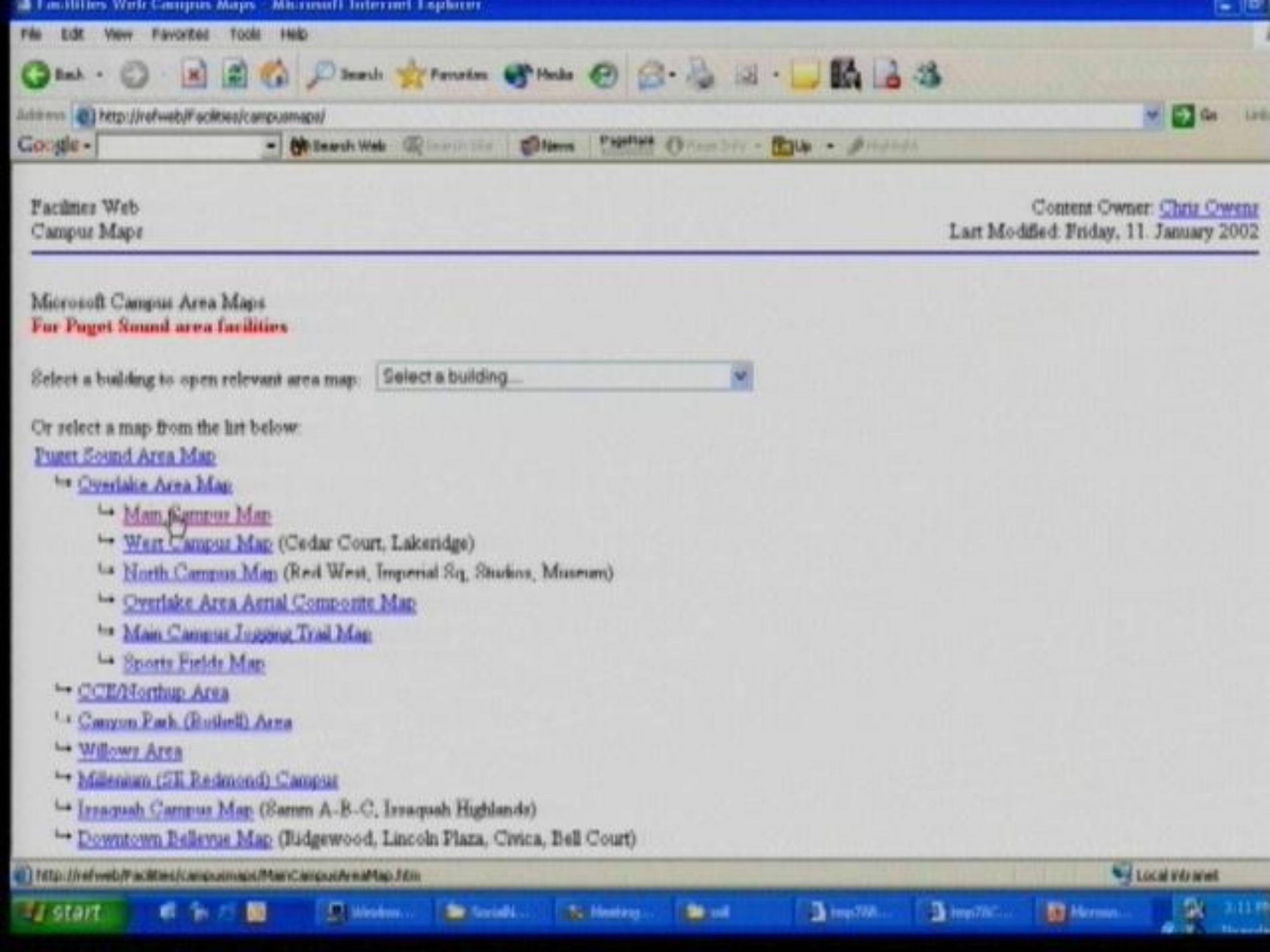
DLs:

Exchange Base Technology Dev (13)
Exchange SSD Discussion (29)
ATG Extended Group (26)

http://tkfweb/PacBtes/calpusmap.htl

My Computer

start


Facilities Web Campus Maps - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
http://refweb/facilities/campusmaps/
Google
Search Web
News
Facilities Web
Campus Maps
Content Owner: Chris Owens
Last Modified: Friday, 11 January 2002
Microsoft Campus Area Maps
For Puget Sound area facilities
Select a building to open relevant area map:
Select a building...
Or select a map from the list below:
Puget Sound Area Map
Overlake Area Map
Main Campus Map
West Campus Map (Cedar Court, Lakeridge)
North Campus Map (Red West, Imperial Sq, Studios, Museum)
Overlake Area Aerial Composite Map
Main Campus Jogging Trail Map
Sports Fields Map
CCE/Northup Area
Canyon Park (Bothell) Area
Willows Area
Millennium (SE Redmond) Campus
Issaquah Campus Map (Samm A-B-C, Issaquah Highlands)
Downtown Bellevue Map (Bridgewood, Lincoln Plaza, Civica, Bell Court)
http://refweb/facilities/campusmaps/MainCampusAreaMap.htm
Local intranet
start

Facilities Web Campus Maps - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

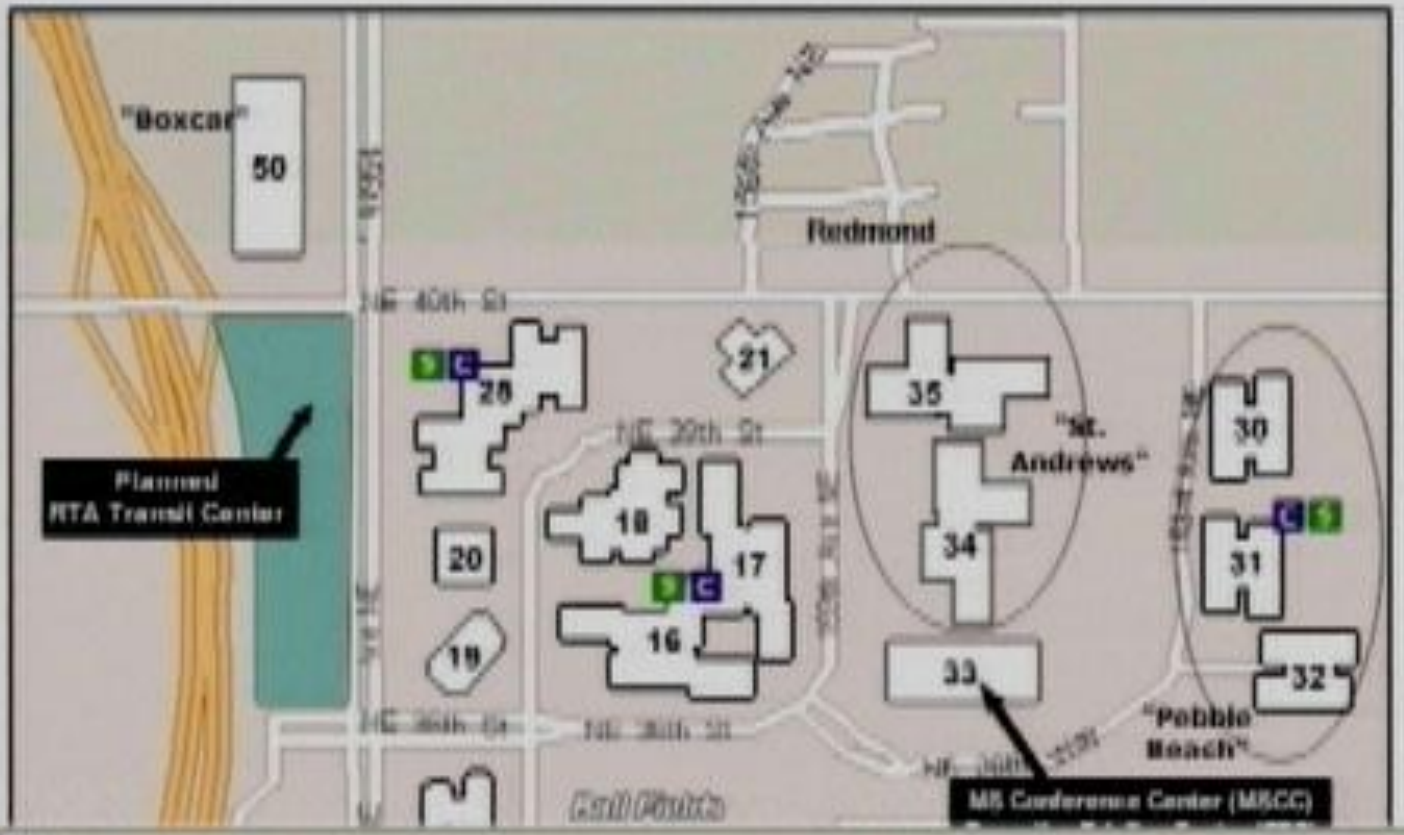
Address Back to Facilities Web Campus Maps maps/MainCampusAreaMap.htm

Google Search Web News Up

Facilities Web
Campus Maps

Content Owner: Chris Owens
Last Modified: Friday, 11 January 2002

Microsoft Main Campus Area Map



Done

Local intranet

start

Updated: Sharing thoughts on group finding & utility - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\t-willp\Local Settings\Temp\tmp79A.tmp.html

Google

Updated: Sharing thoughts on group finding & utility

Time: Friday, 6/20/2003, 3:00 PM-4:00 PM

Location: 24/1561

Meeting Organizer:

Meeting Overview:

Adding room and inviting a couple of others who may be interested.

Per email thread

From: Shelly Farnham

More...

Terms to be familiar with:

finding, group, sharing, thoughts, updated, utility



Bob Atkinson (bobatk)

SOFTWARE ARCHITECT, OS-Exchange Management

24/4720 x45570

Email:

DLs:

Open

Open in New Window

Save Target As...

Print Target

Cut

Copy

Copy Shortcut

Paste

Add to Favorites...

Backward Links

Cached Snapshot of Page

Similar Pages

Translate Page

Properties

Jason Mayans (jmayans)

PROGRAM MANAGER LEAD, OS-Exchange Program Management

24/4684 x70179

Email:

Leon Warman (lwarman)

LEAD PROGRAM MANAGER, OS-Exchange Program Management

24/4645 x72668

Email:

Jim Lyon (jimlyon)

SOFTWARE ARCHITECT, OS-Exchange Development

24/4678 x60867

Email:

laboration DMs (6)
Management WG (7)
(8)

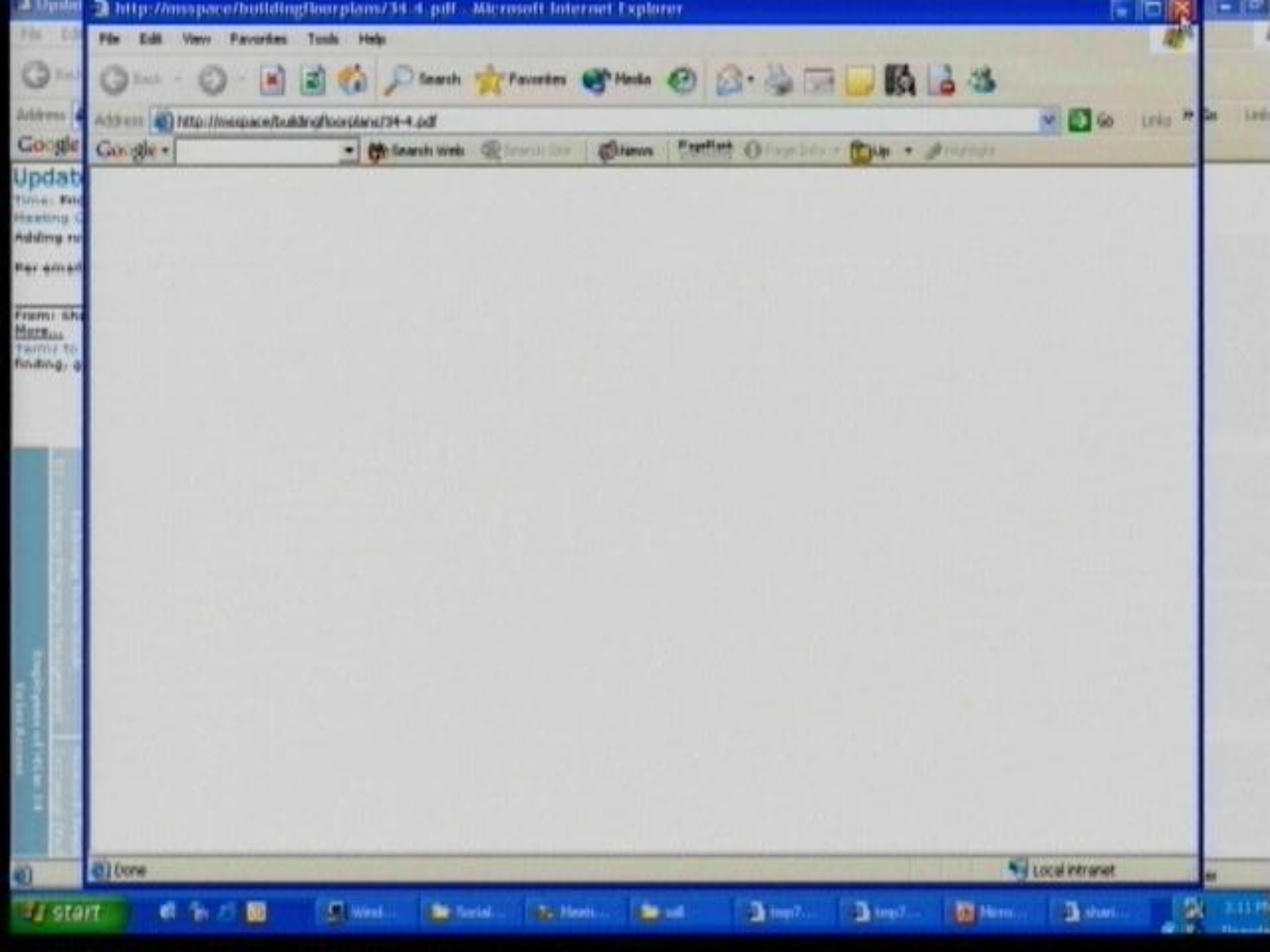
DLs: Exchange+BizPeople WorkFlow PM (8)
Process architecture team (10)
ME+ Core Team (13)

DLs: Exchange Base Technology Dev (43)
Exchange ESD Discussion (29)
ATG Extended Group (26)

Opens selected link in a new window.

My Computer

start


http://myspace/buildingfloorplans/34-4.pdf - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Search
Favorites
Media
Address
http://myspace/buildingfloorplans/34-4.pdf
Go
Links
Google
Search Web
Translate
PageRank
Up
Done
Local intranet
start

Updated: Sharing thoughts on group finding & utility - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address C:\Documents and Settings\t-willp\Local Settings\Temp\tmp799.tmp.html

Google Search Web News Pagerank

PROGRAM MANAGER LEAD, US-Exchange Program Management
24/4668 x52170
Email:

DLs: Exchange Collaboration PMs (6)
Collaboration Management WG (7)
Kodiak WinFS (8)

Leon Warman (lwarman)
LEAD PROGRAM MANAGER, US-Exchange Program Management
24/4648 x72668
Email:

DLs: Exchange+BizPeople Workflow PM (9)
Process architecture team (10)
MEx Core Team (13)

Jim Lyon (jimlyon)
SOFTWARE ARCHITECT, US-Exchange Development
24/4678 x60967
Email:

DLs: Exchange Base Technology Dev (12)
Exchange SSD Discussion (25)
ATG Extended Group (26)

Malcolm Pearson (malcolmp)
ARCHITECT, US-Exchange Management
24/4668 x67234
Email:

DLs: Kodiak (MT) Development (4)
Exchange Kodiak Team Managers (6)
Exchange TBG Management Team (10)



Andrzej Turski (andrzejt)
MSRA, US-Social Computing Group
112/4334 x64934
Email:

Checkin: Improvements to Open/Save dialogs
RE: Sapphire release 0.9.18

you > Lili Cheng > Andrzej Turski

DLs: Staff - SCG (8)
Sapphire (10)

My Computer

start

sharing thoughts on group finding & utility.html - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\t-willpitt\My Documents\sharing thoughts on group finding & utility.html

Google

Updated: Sharing thoughts on group finding & utility

Time: Friday, 6/20/2008, 2:00 PM-4:00 PM

Meeting Overview:

Adding room and inviting a couple of others who may be interested.

Per email thread

From: Shelly Farnham

More...

Terms to be familiar with:

finding, group, sharing, thoughts, updated, utility

Location: 24/1561

Meeting Organizer:



Bob Atkinson (bobatk)

SOFTWARE ARCHITECT, US-Exchange Management

24/4728 x45570

Email:

Fw: Relationships among PIM items

RE: Relationships among PIM items

RE: Relationships among PIM items

DLs:

outlook (MS) Development (4)

Passport External Questions (6)

TinyCLR Discussion Group (9)

Jason Mayans (jmayans)

PROGRAM MANAGER LEAD, US-Exchange Program Management

24/4684 x32178

you > Ted Wobber > Jason May

Email:

RE: Ted's Advenet

RE: Social Computing and Exchange

RE: Social computing and Exchange

DLs:

Exchange Collaboration PMs (3)

Collaboration Management WG (7)

My Information WG (8)

Leon Warman (lwarman)

LEAD PROGRAM MANAGER, US-Exchange Program Management

24/1615 x72665

Email:

DLs:

Exchange-BizPeople Workflow PM (5)

Process architecture team (11)

Mkv Core Team (13)

Jim Lyon (jimlyon)

SOFTWARE ARCHITECT, US-Exchange Development

24/4678 x40067

you > Ted Wobber > Jim Lyon

My Computer

start

sharing thoughts on group finding & utility.html - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\t-willphy\Documents\sharing thoughts on group finding & utility.html

Google

Updated: Sharing thoughts on group finding & utility

Time: Friday, 6/20/2008, 2:00 PM-4:00 PM

Meeting Overview:

Adding room and inviting a couple of others who may be interested.

Per email thread

From: Shelly Farnham

More...

Terms to be familiar with:

finding, group, sharing, thoughts, updated, utility

Location: 24/1561

Meeting Organizer:



Bob Atkinson (bobatk)

SOFTWARE ARCHITECT, US-Exchange Management

24/4728 x45570

Email:

Fw: Relationships among PIM items

RE: Relationships among PIM items

RE: Relationships among PIM items

DLs:

outlook (MS) Development (8)

Passport External Questions (6)

TinyCLR Discussion Group (9)

Jason Mayans (jmayans)

PROGRAM MANAGER LEAD, US-Exchange Program Management

24/4684 x53178

you > Ted Webber > Jason May

Email:

RE: Tedt's Activenet

RE: Social Computing and Exchange

RE: Social computing and Exchange

DLs:

Exchange Collaboration PMs (3)

Collaboration Management WG (7)

My Information WG (8)

Leon Warman (lwarman)

LEAD PROGRAM MANAGER, US-Exchange Program Management

24/1613 x72667

Email:

DLs:

Exchange-BizPeople Workflow PM (5)

Unified Messaging Architecture Team (11)

Mkt Core Team (13)

Jim Lyon (jimlyon)

SOFTWARE ARCHITECT, US-Exchange Development

24/4678 x40967

you > Ted Webber > Bob (pi

outlook:00000000AD9C0B059AC6D211810C00805F97CD940700A13C347D08BDD211810C00805F97CD940000001AAC11300003B874EA44FCC749F9653BD4A3C

My Computer

start

Information

- Meeting
  - Overview (text from the invitation)
  - Emphasize organizer
  - Keywords (terms that may be unfamiliar)
  - Map of meeting location relative to you
- Invitee profiles
  - Ordered by org chart distance
  - *Photo*, title, department, office, building, phone number

Communication History

- Find relevant emails from each attendee
  - Fixed period of time (6 months) before meeting
  - *Recipients match meeting attendee list*
  - *Keyword matching*
- *Extract URLs, shares, attachments, documents*

Social Network

- Connections from each attendee to you through
  - Shared distribution lists
  - People with whom you both have some connection (Shelly -> Will -> Matt Kotler)
- Groups among attendees
  - Titles
  - Departments
  - Distribution Lists

Updated: Sharing thoughts on group finding & utility

Time: Friday, 6/20/2003, 2:00 PM-4:00 PM

Meeting Overview:

Adding room and inviting a couple of others who may be interested.

Per email thread

From: Shelly Farnham

More...

Terms to be familiar with:

finding, group, sharing, thoughts, updated, utility

Location: 24/1561

Meeting Organizer:



Bob Atkinson (bobatk)

SOFTWARE ARCHITECT, OS-Exchange Management

24/4728 x65570

Emails:

FW: Relationships among PIM items
RE: Relationships among PIM items
RE: Relationships among PIM items

DLs:

outlook (MS) Development (4)
Passport External Questions (6)
TinyCLR Discussion Group (9)

Jason Mayans (jmayans)

PROGRAM MANAGER LEAD, OS-Exchange Program Management

24/1684 x52178

you > Ted Webber > Jason May

Emails:

RE: Ted's Advenet
RE: Social Computing and Exchange
RE: Social computing and Exchange

DLs:

Exchange Collaboration PMs (3)
Collaboration Management WG (7)
My Information WG (8)

Leon Warman (lwarman)

LEAD PROGRAM MANAGER, OS-Exchange Program Management

24/1613 x72669

Emails:

DLs:

Exchange-BizPeople Workflow PM (5)
Process architecture team (11)
MEv Core Team (43)

Jim Lyon (jimlyon)

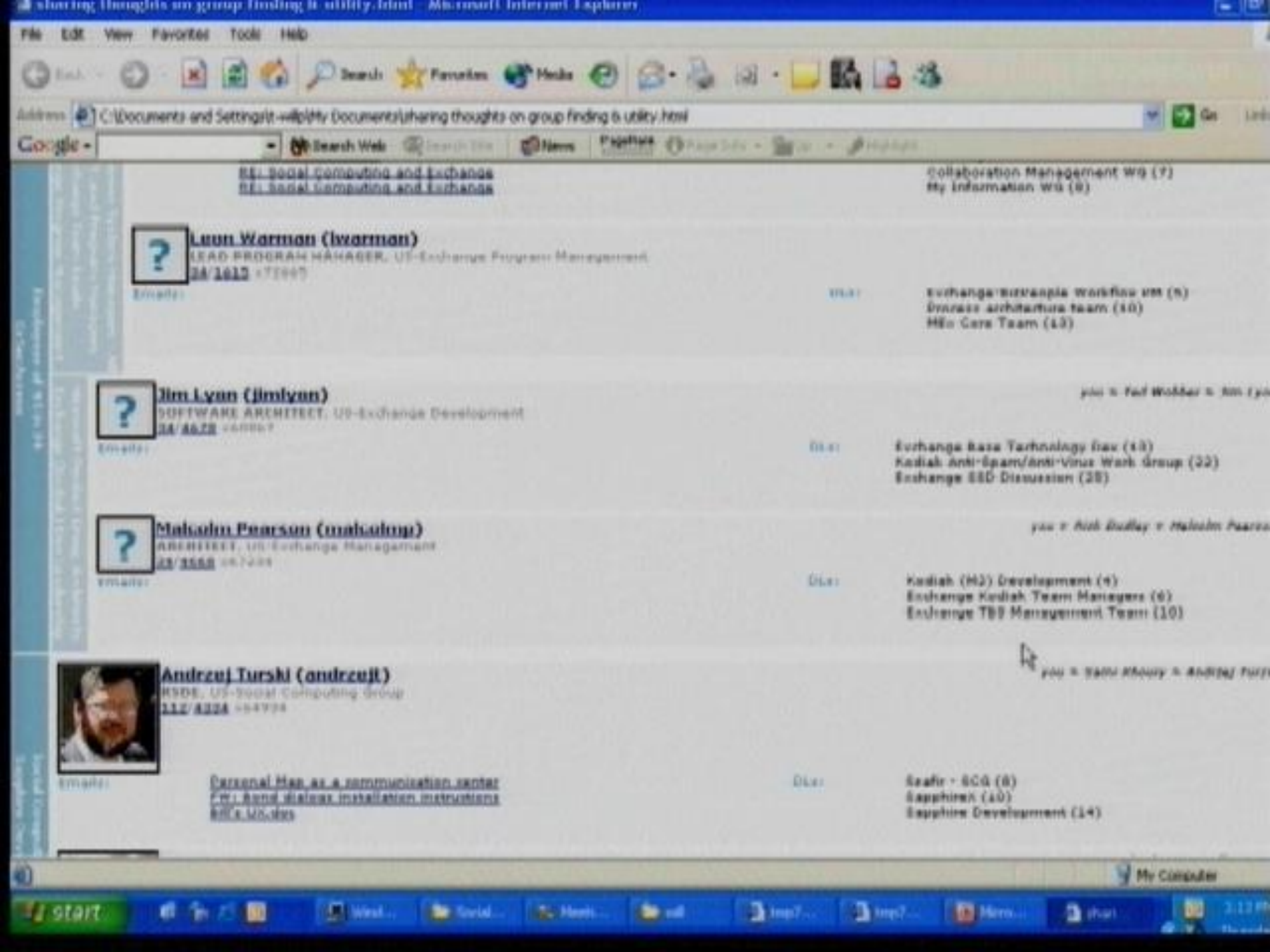
SOFTWARE ARCHITECT, OS-Exchange Development

24/4678 x60067

you > Ted Webber > Jim Lyo

My Computer

start


Sharing thoughts on group finding & utility.html - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Search Favorites Media
Address C:\Documents and Settings\t-willpitt\My Documents\sharing thoughts on group finding & utility.html
Go
Google
Search Web
News
RE: Social computing and Exchange
RE: Social computing and Exchange
Collaboration Management WG (7)
My Information WG (8)
Leon Warman (lwarman)
LEAD PROGRAM MANAGER, US-Exchange Program Management
34/1617
Exchange/Entrepia Workflow VM (5)
Process architecture team (10)
MEo Core Team (13)
Jim Lyon (jimlyon)
SOFTWARE ARCHITECT, US-Exchange Development
34/4678
Exchange Base Technology Dev (13)
Kodiak Anti-Spam/Anti-Virus Work Group (22)
Exchange SSD Discussion (28)
Malcolm Pearson (malcolmp)
ARCHITECT, US-Exchange Management
28/3558
Kodiak (M2) Development (4)
Exchange Kodiak Team Managers (6)
Exchange TBS Management Team (10)
Andrzej Turski (andrzejt)
RSDE, US-Social Computing Group
112/4324
Personal Map as a communication center
FW: Send dialogs installation instructions
Re: Hi, Yes
Sapfir - SCG (8)
Sapphire1 (10)
Sapphire Development (14)
My Computer
start

sharing thoughts on group finding & utility.html - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\t-willp\My Documents\sharing thoughts on group finding & utility.html

Google

Jim Lyon (jimlyon)
SOFTWARE ARCHITECT, US-Exchange Development
24/4678 x60967
Email:

you + Ted Webber + Jim Lyon

DLs: Exchange Base Technology Dev (19)
Kodiak Anti-Spam/Anti-Virus Work Group (22)
Exchange SSD Discussion (28)

Malcolm Pearson (malsabug)
ARCHITECT, US-Exchange Management
24/3668 x67906
Email:

you + Rich Dudley + Malcolm Pearson

DLs: Kodiak (M2) Development (4)
Exchange Kodiak Team Managers (6)
Exchange TSS Management Team (10)



Andrzej Turski (andrzejt)
RSDE, US-Social Computing Group
112/4334 x64934
Email:

Personal map as a communication center
FW: Bond dialogs installation instructions
Bill's UX day

you + Yaniv Aboovy + Andrzej Turski

DLs: Grafit - SCG (8)
SapphireX (10)
Sapphire Development (14)



Will Portnoy (t-willp)
INTERN, US-MSR Intern Host Center
MOBILE x72476
Email:

Re: Hey there
visualization paper draft
RE: visualization paper draft

you + Lili Cheng + Will Portnoy

DLs: SCG USER STUDY (9)
Sharing & Rich Media (14)
Social Computing Group (18)

Meeting Preparation x.0.1026.32930

My Computer

start

sharing thoughts on group finding & utility.html - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address C:\Documents and Settings\t-willp\My Documents\sharing thoughts on group finding & utility.html

Google

Jim Lyon (jimlyon)
SOFTWARE ARCHITECT, US-Exchange Development
34/4678 x49967
Emails:

you + Raf Webber + Jim Lyon

Dist: Exchange Base Technology Dev (19)
Kodiak Anti-Spam/Anti-Virus Work Group (22)
Exchange SSD Discussion (28)

Malcolm Pearson (malcolmp)
ARCHITECT, US-Exchange Management
33/4668 x47008
Emails:

you + Rich Dudley + Malcolm Pearson

Dist: Kodiak (M2) Development (9)
Exchange Kodiak Team Managers (6)
Exchange TSS Management Team (10)



Andrzej Turski (andrzejt)
RSDE, US-Social Computing Group
117/4334 x44994
Emails:

Personal map as a communication center
FW: Bond dialogs installation instructions
Bill's UX day

Dist: Gadfly + SCG (8)
SapphireX (10)
Sapphire Development (14)



Will Portnoy (t-willp)
INTERN, US-MSR Intern Host Center
MOBILE x72476
Emails:

Re: Hey there
visualization paper draft
RE: visualization paper draft

Dist: SCG USER STUDY (9)
Sharing & Rich Media (14)
Social Computing Group (18)

Meeting Preparation 6.0.6026.02838

My Computer

start

sharing thoughts on group finding & utility.html - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Search Favorites Media

Address C:\Documents and Settings\t-willphy\Documents\sharing thoughts on group finding & utility.html

Google Search Web News

Per email thread

From: Shelly Farnham
More...
Terms to be familiar with:
finding, group, sharing, thoughts, upstream, utility



Bob Atkinson (bobatk)
SOFTWARE ARCHITECT, US-Exchange Management
34/4720 x45570

Emails: Fw: Relationships among PIM items
RE: Relationships among PIM items
RE: Relationships among PIM items

DLs: Rodisk (MS) Development (4)
Passport External Questions (6)
TinyUsR Discussion Group (9)

Jason Mayans (jmayans)
PROGRAM MANAGER LEAD, US-Exchange Program Management
34/9584 x62470

you > Gaj Webber > Jason May

Emails: RE: Tsuji's Asleeves
RE: Social Computing and Exchange
RE: Social Computing and Exchange

DLs: Exchange Collaboration PMs (3)
Collaboration Management WG (7)
My Information WG (8)

Leon Warman (lwarman)
LEAD PROGRAM MANAGER, US-Exchange Program Management
34/1613 x72669

Emails:

DLs: Exchange-BizPeople Workflow PM (5)
Biztalk architecture team (10)
MEx Core Team (13)

Jim Lyon (jimlyon)
SOFTWARE ARCHITECT, US-Exchange Development
34/4678 x60067

you > Paul Webber > Jim Lyo

Emails:

DLs: Exchange Base Technology Dev (19)
Rodisk anti-spam/anti-virus Work Group (22)
Exchange SSU Discussion (28)

My Computer

start

Social Network

- Connections from each attendee to you through
  - Shared distribution lists
  - People with whom you both have some connection (Shelly -> Will -> Matt Kotler)
- Groups among attendees
  - Titles
  - Departments
  - Distribution Lists

Summary & Next Steps

- Prototype
  - Improve relevancy of selected content
  - Generalize for outside Microsoft
  - Scaling for different meeting size
  - Close the loop (include post-meeting content)
- Get user feedback

- Current prototype is available (http://groupsts/scg/)
- Contact info: t-willp, shellyf

Jeitinhos

Matchmaking for XBOX live

Jens Riegelsberger (UCL, UK)

Bruce Phillips, Shelly Farnham, Tim Regan

Social Computing Group, MSR

Microsoft Game Studios

Aug 21, 2003

Microsoft Confidential

XBOX live

- Multiplayer with voice
- Released Nov 15 2002
- ~ 500K subscribers worldwide



First Results – Current Use

17 Qualitative Internal Interviews, Same Student Survey!

First Results – Current Use

- Play with absent friends
  - Time spent on setting up matches

First Results – Current Use

- Play with absent friends
  - Time spent on setting up matches

- Find others to play with
  - Find them instantly
  - Humans are more interesting than AI

17 Qualitative Internal Interviews, Game Studies Survey!

First Results – Current Use

- Play with absent friends
  - Time spent on setting up matches

- Find others to play with
  - Find them instantly
  - Humans are more interesting than AI
  - 'It's good to know that someone in his living room is grieving.'

17 Qualitative Internal Interviews, Game Studies Survey!

OPTIMATCH

FILTER

Game Type: Any

Min. Players 2

Max. Players 8

B Cancel A Continue

Y Host X Refresh B Back A Select

OPTIMATCH

Game	Type	Players
Demis Malficar	Team Destruction	5/8
x 777jofe311 x	Destruction	1/8
SwiShelf Bluhlt	Team Destruction	1/8
Sphinxxman	Team Destruction	3/8
mastaboba	Capture the Flag	2/8
TOME10	Team Destruction	2/8
Tha Mighty1	Capture the Flag	3/8
Tychansky	Team Destruction	4/8
Saftey	Team Destruction	2/8
Dark MK	Team Destruction	7/8

Mission: Rock Solid

Kill Limit: Unlimited Time Limit: 15

Filter

Host Refresh Back Select

OPTIMATCH

Game	Type	Players	
Demis Malficar	Team Destruction	5/8	
x 777jefe311 x	Destruction	1/8	
SwiShelf Bluht	Team Destruction	1/8	
Sphinxxman	Team Destruction	3/8	
mastaboba	Capture the Flag	2/8	
TOME10	Team Destruction	2/8	
Tha Mighty1	Capture the Flag	3/8	
Tychansky	Team Destruction	4/8	
Saftey	Team Destruction	2/8	
Dark MK	Team Destruction	7/8	

Mission: Rock Solid

Kill Limit: Unlimited Time Limit: 15

Filter

Host Refresh Back Select

First Results – Problems

- Many matches are bland, some are bad

First Results – Problems

- Many matches are bland, some are bad
  - Game – team killing, counteracting missions, 'stealing kills', frequent entries / exits

First Results – Problems

- Many matches are bland, some are bad
  - Game – team killing, counteracting missions, 'stealing kills', frequent entries / exits



17 Qualitative Internal Interviews, Game Studies Survey!

Trash Talk





... Anger Management Issues

… Anger Management Issues

- Lack of accountability

… Anger Management Issues

- Lack of accountability
- De-individuation

… Anger Management Issues

- Lack of accountability
- De-individuation
- Mismatches

Ideas

Ideas

Base matches on …

- Personal attributes
  - Reduce de-individuation
  - Create mini-alliances based on shared attributes (Jeitinhos)

[Damatta 2003; Zheng et al. 2002; Davis et al. 2002]

Ideas

Base matches on …

- Personal attributes
  - Reduce de-individuation
  - Create mini-alliances based on shared attributes (Jeitinhos)

  [Damatta 2003; Zheng et al. 2002; Davis et al. 2002]

- Voice tag & portrait photo
  - Convey information that is not explicitly given (e.g. social status)
  - Photos are quickly parsed
  - Visual identification increases cooperation

  [Zheng et al. 2002, Bohnet & Frey 1999]


SOCIOMATCH
Game Type:
Any
Match on:
Playing Style
Match on:
Age
Min. Players
2
Max. Players
8
Cancel
Continue
Host
Refresh
Back
Select

SOCIOMATCH

Gamertag: sea

Playing Style: Supportive

Age: 31

Type: Not It

Mission: Frosty

Time Limit: 15

Kill Limit: Unlimited

Players: 2/5

Playing Style

Age



Host Refresh Back Select

Research Questions

Main Question

> Do players enjoy games more when they choose their partners based on personal information, voice, or a photo?

Research Questions

Main Question

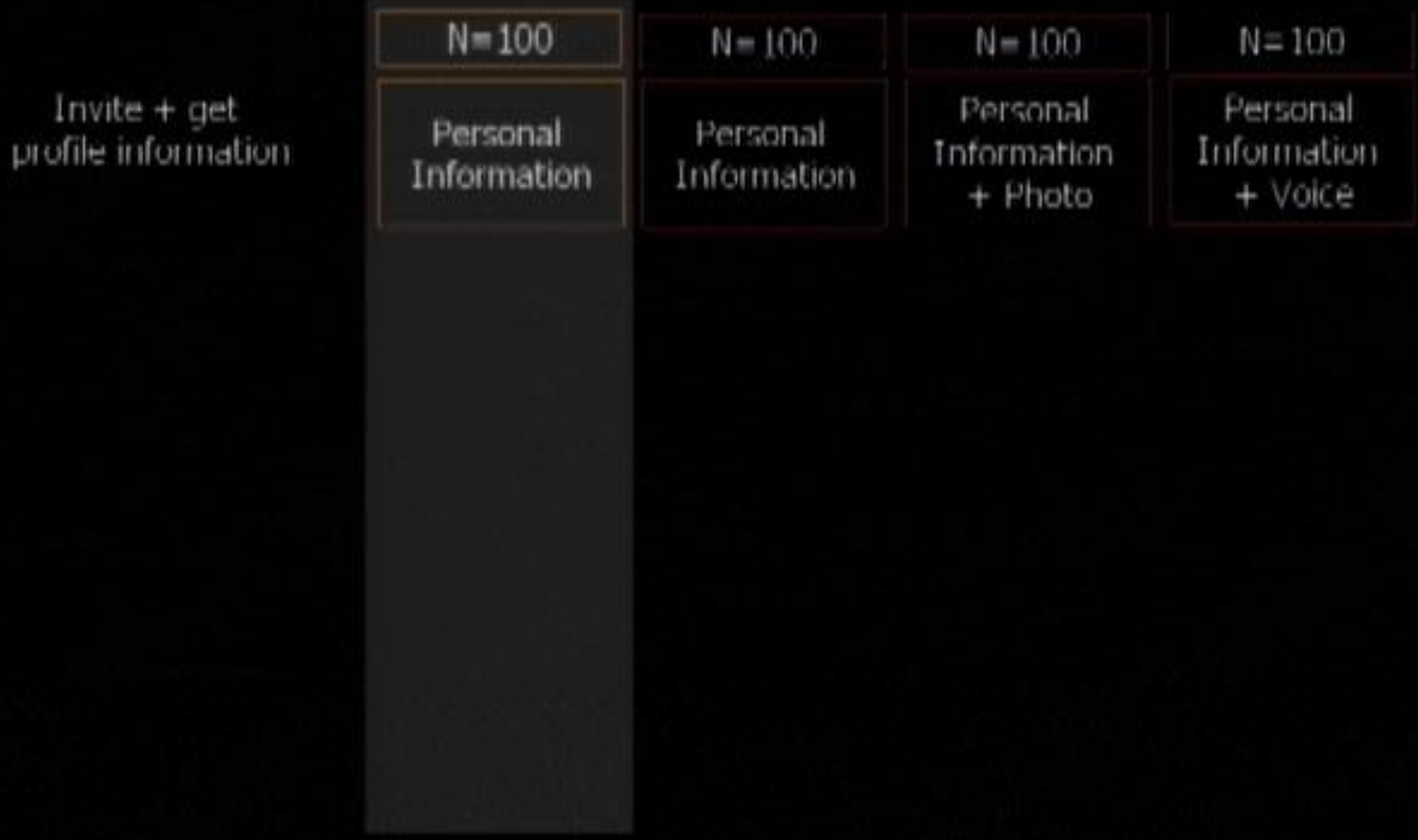
> Do players enjoy games more when they choose their partners based on personal information, voice, or a photo?

Secondary Question

> Which factors in personal information, photo and voice determine preference?

Research Design

Research Design



Research Design

	N=100	N=100	N=100	N=100
Invite + get profile information	Personal Information	Personal Information	Personal Information + Photo	Personal Information + Voice
		2 x 50	2 x 50	2 x 50
Elicit preferences		Preference	Preference	Preference
PRE-STUDY		Regression	Regression	Regression

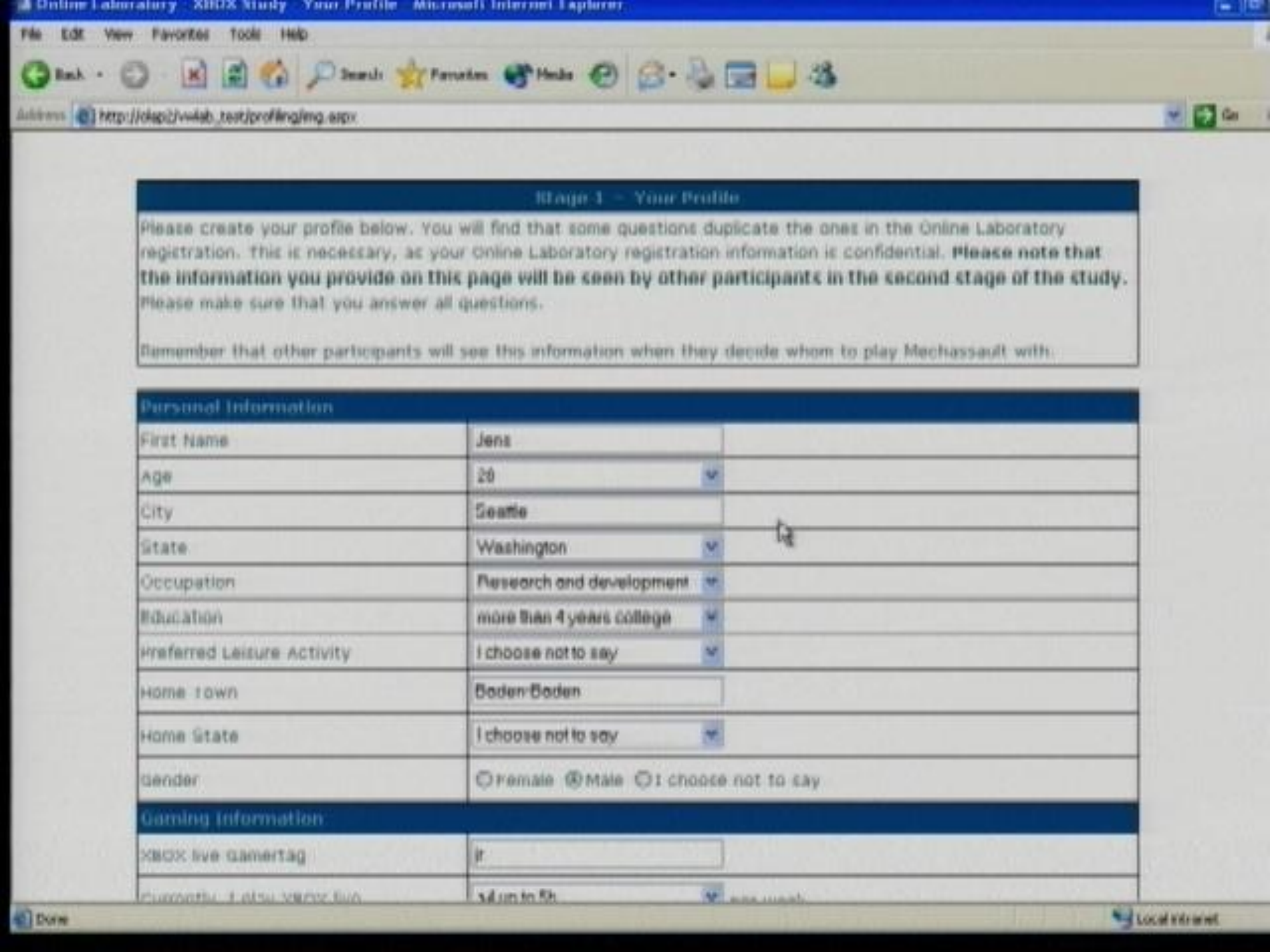
Research Design

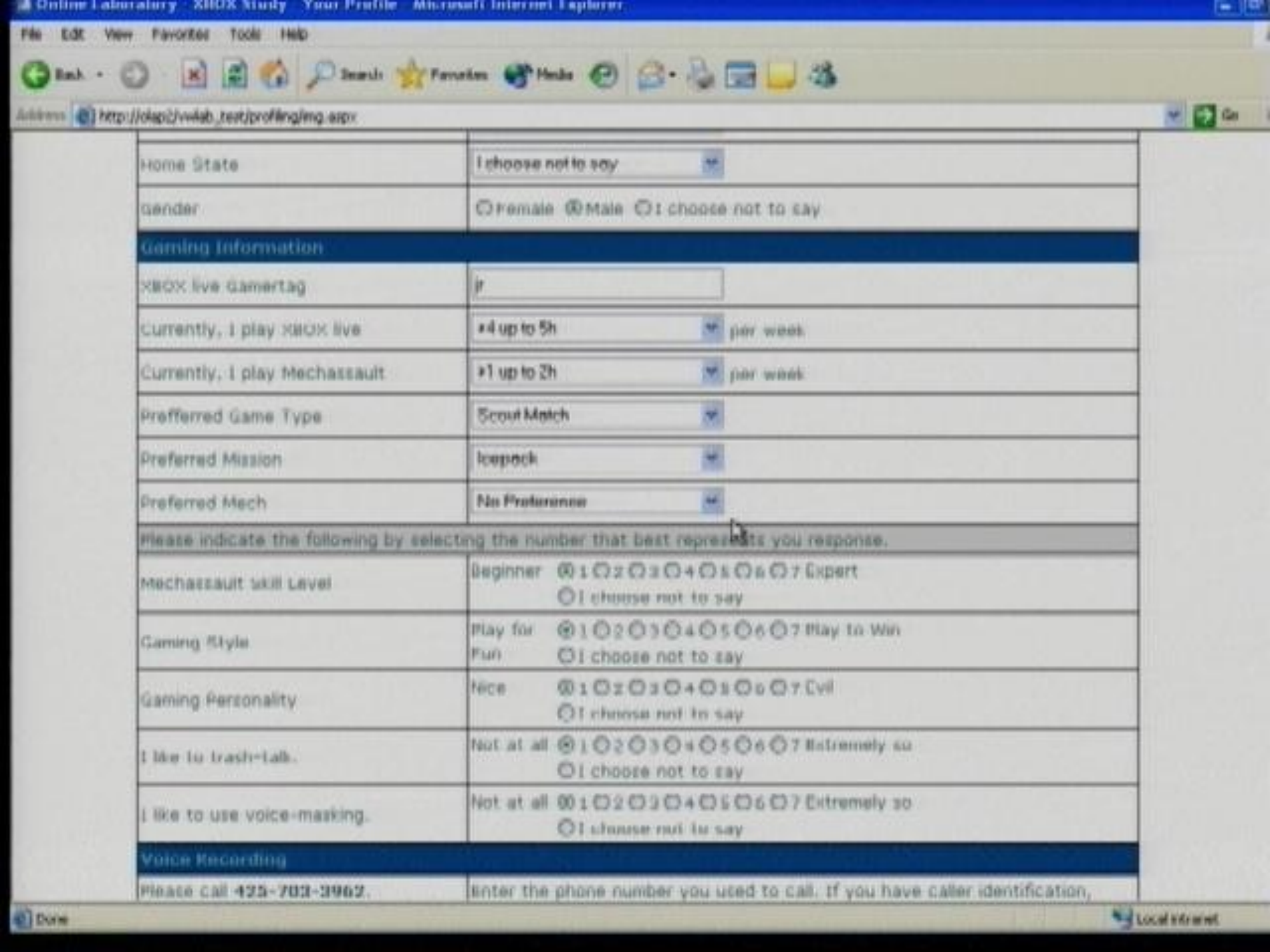
	N=100	N=100	N=100	N=100
Invite + get profile information	Personal Information	Personal Information	Personal Information + Photo	Personal Information + Voice
		2 x 50	2 x 50	2 x 50
Elicit preferences		Preference	Preference	Preference
PRE-STUDY		Regression	Regression	Regression
	10 dyads	10 dyads	10 dyads	
Match preferred partners Conduct play test	Counter-matched Personal Information	Personal Information	Personal Information + Photo	
MAIN STUDY		ANOVA		

Study Timeline

Study Timeline

- Participants register profiles via the on-line lab (Aug 25)
  - http://olap2/vwlab_test/profiling/img.aspx


Online Laboratory XBOX Study Your Profile Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
http://okp2/vwlab_test/profiling/reg.aspx
Stage 1 – Your Profile
Please create your profile below. You will find that some questions duplicate the ones in the Online Laboratory registration. this is necessary, as your Online Laboratory registration information is confidential. Please note that the information you provide on this page will be seen by other participants in the second stage of the study. Please make sure that you answer all questions.
Remember that other participants will see this information when they decide whom to play Mechassault with.
Personal Information
First Name
Jens
Age
20
City
Seattle
State
Washington
Occupation
Research and development
Education
more than 4 years college
Preferred Leisure Activity
I choose not to say
Home Town
Baden-Baden
Home State
I choose not to say
Gender
Female Male I choose not to say
Gaming Information
XBOX live gamertag
jt
Done
Local intranet


Online Laboratory XBOX Study Your Profile Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://okapi2/vwlab_test/profiling/mg.aspx
Home State
I choose not to say
Gender
Female Male I choose not to say
Gaming Information
XBOX live Gamertag
jr
Currently, I play XBOX live
>4 up to 5h
per week
Currently, I play Mechassault
>1 up to 2h
per week
Prefferred Game Type
Scout Match
Preferred Mission
Icepack
Preferred Mech
No Preference
Please indicate the following by selecting the number that best represents you response.
Mechassault skill Level
Beginner 1 2 3 4 5 6 7 Expert
I choose not to say
Gaming Style
Play for Fun
1 2 3 4 5 6 7 Play to Win
I choose not to say
Gaming Personality
Nice
1 2 3 4 5 6 7 Evil
I choose not to say
I like to trash-talk.
Not at all
1 2 3 4 5 6 7 Extremely so
I choose not to say
I like to use voice-masking.
Not at all
1 2 3 4 5 6 7 Extremely so
I choose not to say
Voice Recording
Please call 425-703-3962.
Enter the phone number you used to call. If you have caller identification,
Done
Local intranet

Online Laboratory - XBOX Study - Your Profile - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://dkpc2/vwlab_test/profiling/mg.aspx

Currently, I play Mechassault	>1 up to 2h per week
Preferred Game Type	Scout Match
Preferred Mission	Icepack
Preferred Mech	No Preference
Please indicate the following by selecting the number that best represents you response.	
Mechassault Skill Level	Beginner ◉1 ○2 ○3 ○4 ○5 ○6 ○7 Expert ○I choose not to say
Gaming Style	Play for Fun ◉1 ○2 ○3 ○4 ○5 ○6 ○7 Play to Win ○I choose not to say
Gaming Personality	Nice ◉1 ○2 ○3 ○4 ○5 ○6 ○7 Evil ○I choose not to say
I like to trash-talk.	Not at all ◉1 ○2 ○3 ○4 ○5 ○6 ○7 Extremely so ○I choose not to say
I like to use voice-masking.	Not at all ◉1 ○2 ○3 ○4 ○5 ○6 ○7 Extremely so ○I choose not to say
Voice Recording	
Please call 425-703-3962 Leave a message stating your XBOX Gamertag and one sentence that will help other players when deciding whom to play Mechassault with. This recording will be a part of your profile in Stage 2 of the study. You may re-record your message as many times as you wish. We will use the latest version.	Enter the phone number you used to call. If you have caller identification, please make sure that it is switched on. 171

Done

Local intranet

Study Timeline

- Participants register profiles via the on-line lab (Aug 25)
  - http://olap2/vwlab_test/profiling/img.aspx
- Participant choose who they want to play with based on profiles (Sep 1)
  - http://olap2/vwlab_test/profiling/rating.aspx
- A subset of participants is invited to play in the games test lab (Sep 8)

Online Laboratory - XBOX Study - Ratings - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://dkp2/vwlab_test/profiling/rating.aspx

Rating Potential Gaming Partners

Please have a look at Will's profile. Answer the questions below and click 'Submit'. You can rate each profile only once. Other gamers will not see the ratings you give.

Current Profile: Evilwill (1 out of 3)

Gaming Information	
GamerTag	**Evilwill**
Currently, I play XBOX live for	**>0 up to 1 h per week**
Currently, I play Mechassault for	**>0 up to 1 h per week**
Preferred Game Type	**Team Destruction**
Prefferred Mission	**Icepack**
Preferred Mech	**Uziel**
Skill level	Beginner 1 2 **3** 4 5 6 7 Pro
Gaming Style	Play for fun 1 2 **3** 4 5 6 7 Play to win
Gaming Personality	Nice 1 2 3 4 5 **6** 7 Evil
I like to trash-talk	not at all 1 2 3 **4** 5 6 7 Extremely so
I like to use voice-masking	not at all 1 2 3 **4** 5 6 7 Extremely so

Personal Information	
First Name	**Will**
Age	**99**
Gender	**Male**
City	**New York**
State	**New York**
Occupation	**Computer related**
Education	**more than 4 years college**
Preferred Leisure Activity	**Computer/Console Games**
Home Town	**New York**
Home State	**New York**
Voice Tag	

Your Vote

Done

Local intranet

GamerTag	Evilwill
Currently, I play XBOX live for	>0 up to 1 h per week
Currently, I play Mechassault for	>0 up to 1 h per week
Preferred Game Type	Team Destruction
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Skill level	Beginner 1 2 3 4 5 6 7 Pro
Gaming Style	Play for fun 1 2 3 4 5 6 7 Play to win
Gaming Personality	Nice 1 2 3 4 5 6 7 Evil
I like to trash-talk	Not at all 1 2 3 4 5 6 7 Extremely so
I like to use voice-masking	Not at all 1 2 3 4 5 6 7 Extremely so

First Name	Will
Age	30
Gender	Male
City	New York
State	New York
Occupation	Computer related
Education	more than 4 years college
Preferred Leizure Activity	Computer/Console Games
Home Town	New York
Home State	New York
Voice Tag	

Your Vote				
1	Do you want to play Mechassault with Will? (We will use your answer to match gamers)	Not at all	○1 ○2 ○3 ○4 ○5 ○6 ○7	Extremely so
2	Would you like Will?	Not at all	○1 ○2 ○3 ○4 ○5 ○6 ○7	Extremely so
3	Would a game with Will be satisfying?	Not at all	○1 ○2 ○3 ○4 ○5 ○6 ○7	Extremely so
			Submit	

GamerTag	Evilwill
Currently, I play XBOX live for	>0 up to 1 h per week
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First Name	Will
Age	30
Gender	Male
City	New York
State	New York
Occupation	Computer related
Education	more than 4 years college
Preferred Leisure Activity	Computer/Console Games
Home Town	New York
Home State	New York
Playing	

Your Vote				
1	Do you want to play Mechassault with Will? (We will use your answer to match gamers)	Not at all	○1 ○2 ○3 ○4 ○5 ○6 ○7	Extremely so
2	Would you like Will?	Not at all	○1 ○2 ○3 ○4 ○5 ○6 ○7	Extremely so
3	Would a game with Will be satisfying?	Not at all	○1 ○2 ○3 ○4 ○5 ○6 ○7	Extremely so
			Submit	

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- Relevant attributes for XBOX live matchmaking

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- Input for auto-matching algorithm (from regression analysis)

Outcomes

- Relevant attributes for XBOX live matchmaking
- Input for auto-matching algorithm (from regression analysis)
- Knowledge about effects of voice and photo for ad-hoc online interaction

Acknowledgements

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> Microsoft Game Studios

> XBOX live

Bruce Phillips, Fleming Seay, Keith Steury,
Noah Heller, Karen Carter-Schwendler

Contact

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